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DRUG & CHEMICAL MARKETS

Established 1914


A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

VOLUME XIV

NEW YORK, APRIL 9, 1924

NUMBER 156

INTERMEDIATES PHARMACEUTICALS
DYESTUFFS



Calco

THE CALCO CHEMICAL CO.
MAIN OFFICE AND WORKS
BOUND BROOK NEW JERSEY

In This Issue { *What Is Ahead in Cod Liver Oil Prices?*
Drug Manufacturers Discuss Alcohol

Caffeine

Pure Alkaloid

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Glycerophosphates	(Granular-Crystalline Powder)
Phenolphthalein	Salicylates
Chloral Hydrate	Acetphenetidin

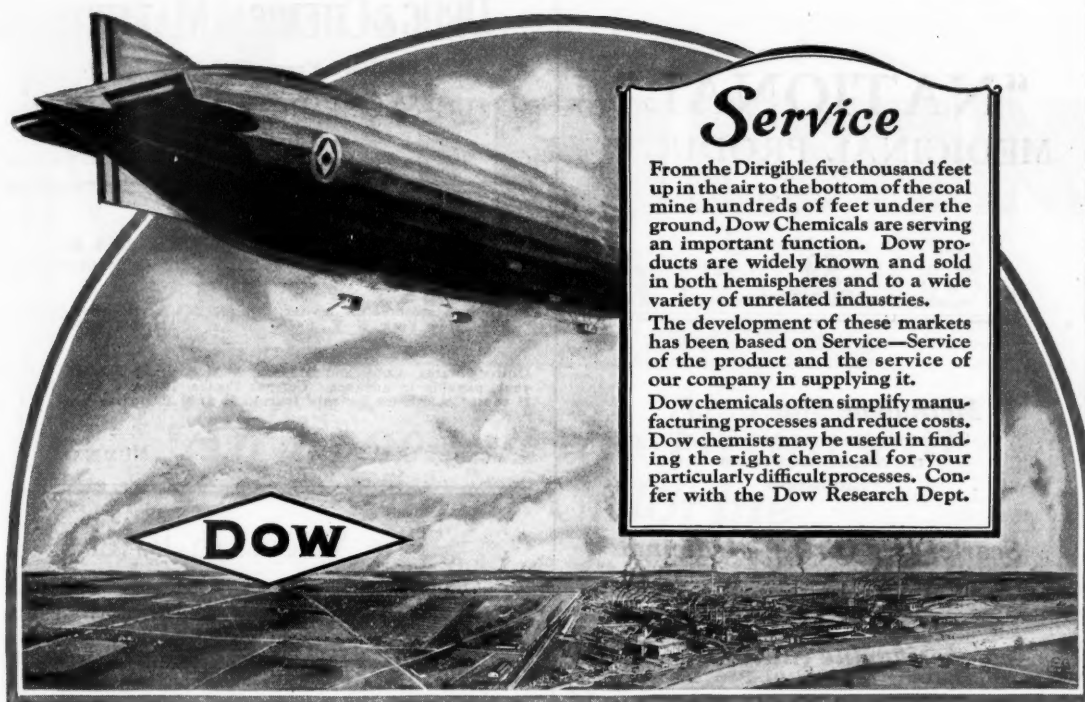
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From the Dirigible five thousand feet up in the air to the bottom of the coal mine hundreds of feet under the ground, Dow Chemicals are serving an important function. Dow products are widely known and sold in both hemispheres and to a wide variety of unrelated industries.

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Branch Sales Offices: 90 West St., New York City—Second and Madison Sts., Saint Louis

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NATIONAL ANILINE & CHEMICAL CO.
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The Week in Brief

News

Exports of colors, dyestuffs and stains in January-February, 1924, showed an advance of 37 per cent over exports for the same period in 1923. Essential oil exports increased 87 per cent, medicinals 15 per cent, explosives 50 per cent.

American Drug Manufacturers' Association heard Col. L. G. Nutt on "Federal Restriction of Narcotic Drugs" and Charles Wesley Dunn on "Resale Price Maintenance."

United States agents seeking British costs of production for use in re-adjusting tariff rates meet rebuffs.

Dye imports for March were double the imports for February, with Germany supplying 63 per cent.

Markets

Although imported industrial chemicals are in small supply in New York, prices have been little affected owing to lack of demand. Prussiates continue easy. Tin salts are lower owing to drop in tin. Barium chloride and carbonate are strong.

Only routine buying is reported in intermediates and dyes. Phenol continues easy owing to light demand and increased supplies. Cresylic acid selling at lower levels. Naphthalene is beginning to move for Spring consumption.

Fatty oils continue in quiet demand with little interest shown. Prices generally are unchanged with the exception of slight fluctuations due to local conditions. Supplies are light, but sufficient for current demand.

Fine chemicals have been quiet during the week with exception of mercury, which has advanced to \$74.00 a flask. London is naming £13 10s per flask with little offered.

Crude drugs are in good supply with few exceptions. Some musk root is being offered on spot, which is the first in this market in about two years.

Essential oils show a firm undertone, and present conditions point to a higher market owing to advancing replacement costs. While imports have been heavy during the past two weeks, most of these goods have passed into consumption.

MATHIESON Chemicals

An Epoch in the History of Liquid Chlorine

THE recent decision of the Interstate Commerce Commission, giving tank car rates and privileges to the Mathieson Multi-Unit Chlorine Gas Tank Car, marks an epoch in the history of Liquid Chlorine.

The Multi-Unit Car, designed by our engineers, carries fifteen one-ton units of Liquid Chlorine instead of a single fifteen-ton tank. When we placed this special car in service over two years ago, the railroad companies refused to allow us tank car rates. We appealed to the Interstate Commerce Commission for removal of this discrimination and continued making shipments in the Multi-Unit Car.

During the past two years we have paid out over two hundred thousand dollars in excess freight charges in order that the chlorine-consuming industries might benefit by the continued service of a tank car ideally constructed for the safe, economical and convenient use of Liquid Chlorine.

The present decision of the Commission upholds our faith in the Multi-Unit "Safety First" principle and awards us full reparations with interest.

Thoughtful consumers will recognize in this case a further proof of the leadership we have assumed in the chlorine industry.

*You are cordially invited to visit us in our booth,
No. 41, at the Second Paper Industries Exposition at
Grand Central Palace, New York City, April 7-12, 1924*

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*Sesquicarbonate of Soda
Bleaching Powder-Soda Ash*

CHEMICALS *and* SOLVENTS

Acetate of Lime

Acetone, C. P.

Acetone

(Methyl)

Methanol

(All grades)

Denatured Alcohol

(All formulas)

Formaldehyde

Hexamethylene Tetramine

Magnesia

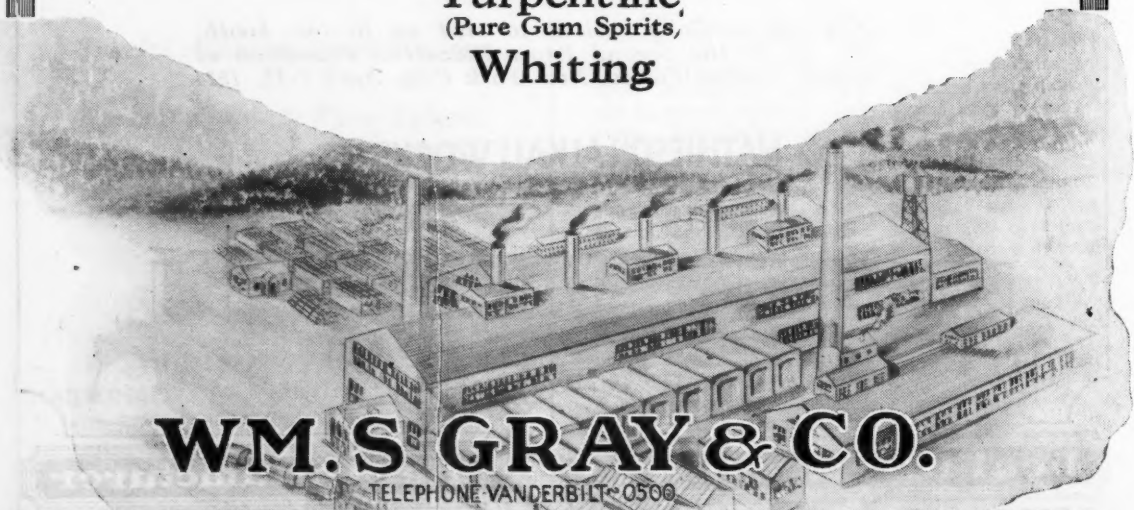
Para Formaldehyde

Phenol

Turpentine

(Pure Gum Spirits)

Whiting



WM. S. GRAY & CO.

TELEPHONE VANDERBILT 0500

342 MADISON AVE.

NEW YORK CITY

DRUG & CHEMICAL MARKETS

VOLUME XIV

NEW YORK, APRIL 9, 1924

NUMBER 15

THE MENTHOL GAMBLERS

Between bullish shippers in Japan and bearish interests on spot, who are able to furnish sufficient quantities from outside holders practically to fill all less than case requirements, the future menthol market holds nothing but uncertainty from the consumers' point of view. Inquiries beyond case-lots, however, tend to cause large holders to raise prices to recover original cost as near as possible. With the Winter season about at an end, the trade does not look for any sustained advances on spot in spite of the high replacement costs.

In primary markets, a different situation exists. Replacements look as though they will be higher than spot prices for the next month at least. This condition is the result of two producers selling short, some time ago, a few hundred cases for Jan.-Mar. shipment at prices said to be \$8.50 pound c.i.f. New York. As they appear to be unable to make shipment before May 1, holders of available supplies in Japan are squeezing them to the limit. Cheaper spot prices can hardly be expected during April unless the basic situation changes completely.

Lack of confidence in any and all menthol markets by big American consumers is not the surprising thing. The surprise would be great, if all consumers did not feel that sooner or later they were bound to be victimized by the gambling of the Japanese producers. Of all the foreign owned monopolies, supported chiefly by American money, truly none can approach menthol in attempts by producers to squeeze the last dollar from each other and from the consumer. The present market situation typifies the attitude of Japanese producers, and shows their absolute disregard for topsy-turvy conditions which result from their gambling in a commodity which they should exert every effort to stabilize.

AMMONIA SECRETS FOR SALE

The French, the British and the American chemical engineers who attempted to develop the German Haber process from laboratory formulas to large-scale production met with difficulties in making synthetic ammonia, and the French Senate has approved a bill ratifying an agreement made with Badische Anilin- und Soda-Fabrik by which German chemists will aid the French in making practical use of the process. In discussing the plan in the Senate one speaker referred to attempts made in the United States to use the Haber process, and declared that the American Government spent \$30,000,000 and was able to produce only a limited amount of fixed nitrogen in the form of ammonia, and that the British had not accomplished anything. It has developed that the British

are still negotiating with the Germans for expert assistance, and it is probable that the question is included in the dye pact which met a storm of opposition recently in England.

Confusion of the Muscle Shoals project with the plan to make ammonia at a point some five miles distant under a process controlled by General Chemical Co. probably accounts for the misstatement in the French Senate. However, the picture of conquering nations in control of a process, which capable chemists of three Governments cannot work, recalls the German custom of obtaining patents in foreign countries for processes which cannot be "translated," except by German chemists who hold the key to the situation. Nearly all dye and chemical formulas on file at Washington before the war contained some ingredient to make it harder to manufacture the product, or omitted some important step in the process. Now the French are to pay the German owners of the Haber process for the "innermost" (suppressed?) secrets known only to German chemists.

Buying a cat in a bag is a homely expression as old as let the buyer beware. Both are suggested to would-be purchasers of the Haber process. The Claude process has proved successful in large-scale operation, and General Chemical Co. and Semet-Solvay Co. have equal success with the processes which they control. It is not probable that Congress will be called upon to vote an appropriation for paying Germany a royalty for the use of the Haber method, including the services of German chemists and demonstrators, but forewarned is forearmed in case the unexpected happens.

MONOPOLIES—REAL AND SO-CALLED

Like every story, there are two sides to the "foreign monopoly menace." In the chemical and drug fields, camphor, tanstuffs, quinine, quicksilver, potash, nitrates, iodine, tin, and others, are cited as products where the United States is dependent on foreign supplies to take care of its needs. A bill has been introduced into Congress by Senator Arthur Capper of Kansas, aiming to permit the formation of purchasing agencies to deal with the "monopolies" in purchasing supplies to better advantage of American consumers. The idea, evidently, is to meet monopoly with concerted efforts to beat down prices.

To begin with, almost every foreign monopoly, where it really is a monopoly, exists because of some natural advantage, or as the result of long years of unproductive effort and unfruitful investments. In potash, Germany has a practical monopoly because the potash is there, ready and easy to mine. In the case of quinine and rubber, years were spent before a dollar in profit was made.

Java won the cinchona field by perseverance in spite of the fact that South America had the first opportunity. Chile nitrates are in the same class with potash. The deposits are there and easy to get at, while the iodine is an indispensable by-product. Camphor production was, and is, fostered from the natural forests of Formosa and China. China wasted her camphor forests, while Japan has conserved hers, and, as a result, dominates the situation. As for mercury, with four countries producing outside of the United States, how can it be classed as monopoly at all?

For American chemical and other industries to buy their raw materials at the lowest possible prices is certainly the wish of most Americans. In our enthusiasm for things American, however, we are prone to squeal a little if we get caught on the wrong side of the fence in a commercial deal. American capital had its chance to grow cinchona and rubber in South America, or camphor trees in Florida and Louisiana, but it meant years of investment without return. American capital can produce to-day sufficient potash from American deposits to supply our needs, but we still buy it more cheaply from Germany. American capital can supply this country with mercury if all the mines were worked, but, with a duty of 25 cents per pound, we can still buy cheaper abroad or from Mexico. Chile nitrate can be bought in the United States at 2½ cents per pound. Is this price high? Then, why not produce it cheaper here?

Foreign monopolies may be taking their toll in American dollars, but, until we can take care of our own needs cheaper, our protests will be in vain. The law of supply and demand is inexorable, and to attempt to defeat it by artificial means, will be futile. American financiers are to-day doing the

same thing abroad which foreign monopolies are doing here. American commercial philanthropy abroad has always been conspicuous by its absence, so why should we ask, or expect, quarter from foreign monopolies? How can we logically complain of their prices when we cannot supply ourselves as cheaply as they are now doing?

Combinations and tariffs to protect and foster infant American industry—yes. Combinations and Government aid to break foreign monopolies, supplying us below our own costs with products we cannot produce efficiently to-day,—no!

Export trade in chemicals was marked by considerable unevenness during January and February of this year, gains taking place in dyestuffs and stains, and medicinals and essential oils, compared with the foreign trade during the same period in 1923, while a loss of trade is shown in naval stores, vegetable dye extracts, sulfur and perfumery. The Chemical Division of the Department of Commerce attributes the increase in fertilizer shipments to the demand for sulfate of ammonia from Japan, Cuba and Dutch East Indies. Prepared paints and carbon and lamp blacks, were in special request. Essential oil exports showed an increase of 87 per cent over the same period in 1923. Medicinals gained 15 per cent, and explosives 50 per cent owing to heavy shipments of dynamite.

Many Men: Many Minds

The Copper and Brass Research Association estimates that more than 227,270,000 pounds of copper were in use at the beginning of 1924 in New York streets, with annual increase estimated at 25,000,000 pounds. This copper is used in underground cables for transmitting electricity for light, power, transportation and communication. Copper represented by the various systems is estimated as follows: Electric light and power systems, 116,171,000 pounds; rapid transit and railway electrification, 52,100,000 pounds; telephone and telegraph lines, 59,000,000 pounds.

Lynn P. Talley, Federal Reserve agent at Dallas, Tex., says that with the recent progress in the collection of business data a tendency has developed to act on summaries that apply to the nation as a whole without sufficient attention being paid to local conditions which may not coincide with the national status. He notes that there is a tendency on the part of zealous members of local chambers of commerce to give the widest possible currency to business statistics of a bullish character, although the facts thus cited may be wholly at variance with the situation in their own community.

Fraser M. Moffatt, president of the Tanners' Council of America, New York, says the leather industry reached the peak of production in 1919, due to the urge of war conditions, and before the machines slackened speed an enormous inventory of finished leather was piled up. "Added to that we lost our best customer and our export trade, which took as high as 30 per cent of the production of sole leather, has gone, at least, for the present. Substitution is an incident and while at various times some material claimed to be as good as leather appears, there has never yet been made a true substitute for leather that will have all its good qualities and none of its defects."

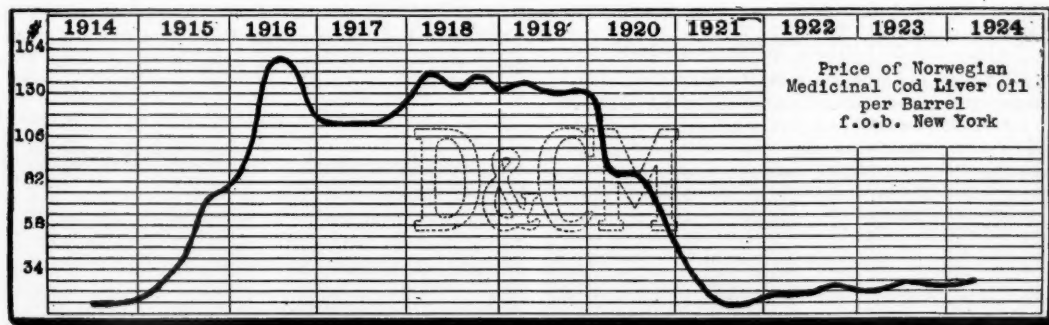
NOW, FOR PITY'S SAKE, TIMOTHY, KEEP YOUR EYES
ON THE ROAD AHEAD

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What Is Ahead in Codliver Oil Prices?

Norwegian Medicinal Oil Output 10,000 Barrels Under 1923, but Shippers Cut C.I.F. Price a Dollar



WITH the exception of the three years, 1917, 1918, and 1919, the present season's production of cod liver oil in Norway bids fair to be one of the lowest on record. The output of medicinal oil, particularly, in which producers' profits are said not to be compatible with trouble and cost of refining, is to date more than 10,000 barrels short of 1923 for all of Norway. Production in 1923, however, was heavy compared with previous years, 39,500 barrels, and cannot be taken wholly as a criterion. In 1922, 29,750 barrels were produced; in 1921, 32,000; back in 1912, about 29,000 barrels of medicinal oil were turned out, while in 1913, this was only 10,000.

The big factor in the price this year, and one which will probably have a material influence on prices if production really is short at the end of the fishing season, is the broadly increased consumption of medicinal oil all over the world. Because of its vitamin content, and the more recent success which the medical profession has had in the treatment of deficiency diseases with the oil, use has increased tremendously. Production facilities are not any greater abroad to take care of this larger demand for medicinal oil, for most producers prefer to dispose of their crude oil as such when possible.

Within the past ten days, sales said to aggregate some 6,000 barrels of oil are reported to have been made in New York to big medicinal houses. The spot market has been stiffly maintained, and the stage has certainly appeared set for a series of sharp price advances. The higher prices, however, are by no means certain, for leading factors disagree in their opinions. While one American agent for a large producer said that he did not see how prices could stay down if stock and production figures from Norway are authentic, another stated that he believed a firm, steady market without sharp price movements, up or down, with an active demand, and supplies sufficient to supply the demand, would be seen during the next month or so.

The bullish attitude of the Norwegian market can be readily understood when the export figures from that country are considered. Thus far in 1924, about 11,000 barrels of medicinal oil have been shipped out of Norway, much of it coming to the United States. Last year this time, about 8,000 barrels had been exported; in 1922, about 9,000; and in 1921, 4,000. Less oil remains in Norwegian storehouses, and, seeing

smaller stocks on hand, they are naturally inclined to bullish views. At the same time, larger shipments to the American market have been able to take care of an active demand without apparent stringency. Heavy buying has not forced up prices as the oil has been available to take care of the demand. With the bullish catch reports and expressed views for higher prices, the reduction in shipping prices by Norway last week from \$24.50 to \$23.00 per barrel, c.i.f. New York, was inexplicable, and has raised doubts in the minds of some factors in the New York trade, where confirmed strong views existed previously.

Cod liver oil distribution of direct imports in the United States is confined to comparatively few houses, mostly agents for producers or shippers in Norway. These first hand distributors are evidently trying to stabilize the market at medium levels, rather than force prices up, with a possible restriction in buying. Most of them have refrained from issuing bullish predictions, and from urging consumers to buy too much oil at one time, for in past years these errors have been followed by unpleasant after-effects. The leading importers seem more interested in having their principals abroad hold prices down so that a big movement of oil can be made, than they do in the extra profit of a higher price.

When compared with 1923 prices and 1923 Norwegian exchange, current quotations are really fifty to seventy-five per cent above those of last year. Norwegian kroner were worth 18.1c a year ago; to-day, they were worth only 13.6c. Last year, shippers in Norway named about \$20.00 per bbl. for shipment, which was equal to 110 kroner at the rate of exchange then. Today, shippers quote around \$23.00 to \$24.00 c.i.f., which is equal to 175 to 190 kroner per bbl. Thus, in reality, the market is much higher this year, but this is not so noticeable to American buyers because of the cheaper rate for kroner. The difference between 110 kroner last year and 175 this year is indicative of the bullish views of Norwegian producers, but it also shows that oil is not as cheap for the American buyers as the spot price would seem to indicate. The price to-day of \$23.00 c.i.f. New York is really equal to something in excess of \$31.00 to the shipper in Norway, when compared to his \$20.00 figure for March, 1923.

With shippers getting much higher figures than last

year, it seems unlikely that they will put prices any higher while big consumers are still uncovered for 1924-25 needs. Next Summer and Fall may see higher prices, but the April-May position seems fairly well assured against sharp advances, which view appears to be substantiated by the recent reduction in prices for shipment. Behind the price, however, the present statistical position of the oil is unquestionably strong, and, as a consequence, in a narrowly produced product, a market squeeze is always a possibility.

TRIAL OF MILBURN SUIT IS BEGUN

(Special to DRUG & CHEMICAL MARKETS)

Baltimore, April 9.—The suit brought on Dec. 30, 1920, by Alexander Milburn Co. manufacturer of acetylene welding apparatus and calcium carbide appliances, against the Union Carbide and Carbon Co., claiming \$2,250,000 damages for alleged unfair practices, was called for trial in the United States Court here, last week, before Judge Soper and a jury. The interval between the filing of the suit and the starting of the trial has been utilized by the Milburn company in gathering evidence, and many thousand pages of testimony are to be read in court and will take several weeks. The trial will extend for over a month.

Attorneys for the Milburn company said they would attempt to prove that Union Carbide and Carbon Co. spread reports among Government employees, which resulted in the loss of the Government acetylene torch contracts by the Milburn company and the turning over of the business to Union Carbide and Carbon Co. Triple damages are asked under the provisions of the anti-trust laws.

The companies mentioned as co-defendants and affiliated concerns are Oxwold Acetylene Co., Oxwold Railroad Service Co., Linde Products Co. Prest-O-Lite Co., and Davis-Bournonville Co., Milwaukee.

A sweeping denial of charges of bribery and sabotage filed against Union Carbide and Carbon Co. and alleged affiliated firms by the Milburn company was made by Edwin G. Baetjer, of counsel for the defense.

DR. HERTY CORRECTS A DYE REPORT

Reparations Tax on Colors Exported From Germany
Extremely Light, He Says

Dr. Charles H. Herty, president of the Synthetic Organic Chemical Manufacturers' Association, received a cable last week relating to the reparations tax on colors exported by the German Dye Cartel. Dr. Herty said: "The truth about the reparations taxes is that previous to Nov. 10, the date of the Coblenz agreement, the Germans refused to deliver any dyestuffs on reparations account. After this date, however an understanding on the matter was reached and is still in force.

"The provisions relative to dyestuffs are that sulfur black, a highly important quantity color, may be exported from occupied territory duty free, nigrosine direct black and chrome black are dutiable at 1 per cent, intermediates at 2 per cent, and other colors at 2½ per cent.

"These figures are ridiculously low and such taxes in no way can interfere with the free operation of the German dyestuffs industry. Any statement to the contrary is typical of the whines which have been coming out of Germany since the end of the war."

Platinum prices have declined \$4 an ounce and the metal is now quoted \$118 an ounce for soft; medium hard platinum, containing 5 per cent iridium, is \$127 an ounce, and hard platinum, 10 per cent iridium, \$136 an ounce. The decline is attributed to a falling off in demand.

Trade Notes and Personals

Officials of Elbee Chemical Laboratories, 58 Prince st., New York, are closing out the business.

G. Lee Camp, general sales manager of Dow Chemical Co., Midland, Mich., is on a short visit to the company's New York office.

Williams Haynes, president DRUG & CHEMICAL MARKETS, will speak before the Salesmanagers' Club, New York, Friday, April 11, on "Let the Seller Beware".

C. C. Tutwiler, of Chestnut Hill, Pa., has been elected president of the Cooper Creek Chemical Co., Swedeland, Pa. C. S. Henry is vice-president, and R. John Titzel, treasurer.

Dr. Felix Frank, chemist of Catalytic Chemical Co. South San Francisco, was killed by an explosion in the company's laboratory while conducting experiments on March 23.

Senator Ladd of North Dakota has introduced a bill "to promote the mining of potash on the public domain." It has been referred to the Senate Committee on Agriculture and Forestry.

Increase of duty on imports of citric acid into Australia, originally scheduled to go into effect March 31, has been postponed until Sept. 30, 1924. The present duty of 10 per cent ad valorem will be raised to 40 per cent ad valorem.

An open examination for position of Associate Agricultural Statistician has been announced by the United States Civil Service Commission. Applicants should apply to Washington, D. C., for Form 2118. Receipt of applications to close April 29, 1924.

L. H. Butcher Co., New York, has moved its main offices and warehouse to 251-255 Front st. The new quarters, formerly occupied by one of the big forwarding companies, will give them better shipping facilities, and three times the storage space of their former location.

Business failures in the United States for the first three months of 1924 were greater than in any three months period in 1923, numbering 5,655, according to Dun's Review. Total liabilities for this period amounted to \$184,865,571, of which \$40,000,000 is accounted for by the failure of Virginia-Carolina Chemical Co. and its subsidiary, Southern Cotton Oil Co.

Frederick E. Breithut, Department of Commerce trade commissioner, who is looking after the chemical interests of the Department in Europe, was married in Paris on March 22 to Mrs. Florence Hastings Norris, daughter of General Hastings, a pioneer railroad builder in America. They are now on a trip through Switzerland, and Austria, and Czechoslovakia.

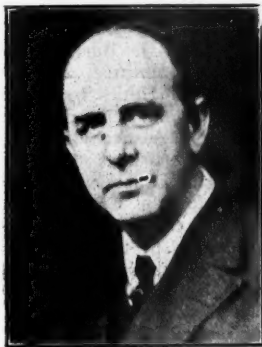
Dr. Edwin E. Slosson told the Maryland Section of the American Chemical Society that the next great achievement of chemical science will be the synthetic silk shirt. He said that the delicate scent, suggestive of the flower-covered fields of France, which the debutante leaves in her wake, is only poison gas; that milady's fur neck piece may not come from a fur-bearing animal, but from the vat in the laboratory of a bespectacled scientist, and that chemistry may become responsible for the production of synthetic foods, duplicating to a certain extent the processes of nature.

Trade Sound, Burdick Tells Drug Makers

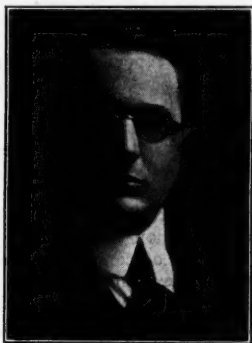
Thirteenth Annual Meeting of American Drug Manufacturers Association Convenes in New York City

"IN SPITE of surface indications, the foundation is secure." This epitomized the views of Dr. Alfred S. Burdick in his annual address Tuesday afternoon as president of the American Drug Manufacturers Association before the thirteenth annual meeting at the

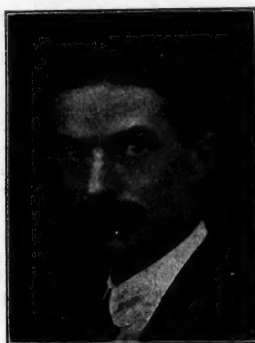
"The year 1923 was satisfactory to practically all branches of our industry. It realized the optimistic prediction of the business prophets. The general volume of business throughout the country was large, although it is true that in the middle west and northwest there



DR. A. S. BURDICK



WILLARD OHLIGER



DR. A. R. L. DOHME

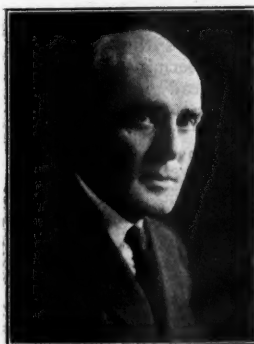


DR. H. A. B. DUNNING

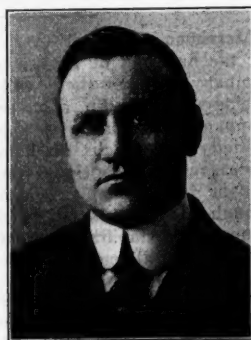
Hotel Biltmore, New York, April 7 to 10 inclusive. Discussing the general business situation and its relation to the drug manufacturing trade, Dr. Burdick continued: "Any interference with the general prosperity of the country is temporary only, and I think most of us look forward to a continuation of good times and to eventual business expansion. It now seems likely that any change in the European condition will make for betterment. Indeed, there are many who believe that the reparations question will be settled before the close of the year. Should this eventuate, there is no doubt that general business in this country will greatly improve. It is to be regretted that at the present time the long-promised passage of the Revenue Act, with substantial reduction in taxation, has not taken place. Tax relief will undoubtedly be an important factor in the improvement of the business situation."

was considerable depression. At the close of the year our own industry seemed well stabilized. No longer were there such rapid and perilous fluctuations in the price of commodities, and the demand for our goods was larger and increasing. Conditions in our industry thus far in the year are, on the whole, somewhat less auspicious than for the same period of 1923. This condition is due in part to a lessened seasonal demand for our goods, and in part perhaps to the general uneasiness usually associated with the presidential year, and particularly depending at the present time upon the various investigations at Washington, of an oily character and otherwise, which undoubtedly are disturbing the confidence of the people in the integrity of those in authority."

Dr. Burdick then urged telling of the wide advance in medicinal chemistry of the past few years: "The



FRANCIS H. SISSON



S. B. PENICK



CHARLES G. MERRELL



C. P. FRAILEY

time is ripe for our association, and for others interested, to plan a co-operative effort to present the importance of our work to the people of this country. By this I do not mean that we should start an advertising campaign to fight the numerous sects and cults which deny the value of medicine in the treatment of disease; nor that we should undertake openly to combat the political tendencies which seem to be leading towards state medicine. The greatest good can be ac-



O. W. SMITH



A. HOMER SMITH

complished by telling people about the miracles which are being wrought by modern medicine—miracles which depend primarily upon medicinal therapy."

Monday was taken up exclusively by the Scientific Sections of the convention. G. A. N. King spoke before the Crude Drug Section on "Uniform Method of Arriving at the Cost of Grinding Drugs." A discussion of a botanical drug purchase contract was taken up by S. B. Penick and Isaac V. S. Hillier, in a private meeting of the section. "Standardization of Glass Containers", a report scheduled by William A. Sailer, was given by A. Homer Smith. Catalog simplification was discussed in a report by Eli Lilly.

Besides the address of the president at the Tuesday afternoon meeting, the first general meeting of the Association, reports were given by Carson P. Frailey, Secretary, and Franklin Black, Treasurer. The Uniform Cost Accounting Committee report was given by N. H. Noyes. The Committee on Legislation rendered a report through Horace W. Bigelow. A. Homer Smith reported as a delegate to the National Drug Trade Conference.

Wednesday's morning session heard a report from Colonel L. G. Nutt, Secretary, Federal Narcotics Control Board, on "Federal Restriction of Narcotic Drugs." After Colonel Nutt had described the progress of the Board and the difficulties encountered in the enforcement of the Harrison Act, the narcotic situation was discussed by the membership. Reports from the Pharmaceutical Section by Dr. A. R. L. Dohme, and from the Biological Section by Dr. E. M. Houghton, were heard. R. D. Keim then read the extensive report of the Committee on Sales Problems, touching on the competition and prices of the pharmaceutical business during the past year. A discussion by the membership followed.

"Application of the Federal Food and Drugs Act to Industry" was the subject of an address by Dr. W. W. Skinner, Assistant Chief, U. S. Bureau of Chemistry. Dr. George W. Hoover, Chief, Division Drug Control, then spoke on "Drug Control Some Facts and Figures."

Other speakers at the Wednesday afternoon session included Charles Wesley Dunn, New York lawyer, on "Resale Price Maintenance," which talk was followed by a discussion by the members. Committee reports were made at this session by Dr. H. A. B. Dunning for the Scientific Section; Dr. S. S. Coleman for the Committee on Employment Problems; C. N. Angst for the Committee on Patents and Trade Marks; Kerro Knox for the Committee on Foreign Trade; Herbert McIlvaine for the Crude Drug Section.

Plans for Thursday's morning session call for an address by General Amos A. Fries, Chief, Chemical Warfare Service, on "Chemistry in War and Peace;" an address by Williams Haynes on "Drug Market Conditions"; and a report of the councillor of the U. S. Chamber of Commerce, Franklin Black. Committee reports will include Financial Problems by J. H. Foy, Chairman; Transportation by William J. Buchanan, Chairman; report of the Nominating Committee; and a report by the Committee on a Code of Ethics by Dr. S. R. Light, Chairman. In the afternoon, Felix Coste, Secretary, National Coffee Roasters' Association, is scheduled to speak on "Industrial Advertising." O. L. Biebinger will report for the Medicinal Chemical Section; Thurston Merrell will report for the Committee on Insurance Problems. Resolutions covering the entire convention will be adopted, followed by the election of 1924-25 officers. The annual banquet will be held Thursday evening at the Biltmore Hotel with Richard E. Enright, New York City Police Commissioner, Francis H. Sisson, Vice-president, Guaranty Trust Co., New York, and U. S. Senator Henry F. Ashurst of Arizona, as speakers.

HEAR PLEA FOR AMERICAN POTASH

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., April 9.—Hearings were held last week by the Senate Agricultural Committee, on a bill introduced by Senator Sheppard of Texas to appropriate \$500,000 annually for five years to enable the Geological Survey to determine the location and extent of potash deposits in the United States. George Otis Smith, Director of the Geological Survey, said the United States imported 750,000 tons of potash last year, valued at \$15,500,000, 90 per cent of which went into fertilizer. Dr. George R. Mansfield, of the Survey, told the Committee that minerals identical with those found in the potash beds of Germany had been found in Texas. Potash is found in twelve wells in the Texas counties of Loving, Ward, Regan, Midland, Mitchell, Dawson, Glasscock, Scurry and Potter. In Germany and France potash is mined as a salt, the German wells being from 3,900 to 5,000 feet in depth, while in Alsace the average depth is about 1,700 feet.

Merrimac Chemical Co., Boston, says the prospects for the first half of 1924 are still indeterminate, but the company believes there will be a steady expansion in business up to the summer months. The Merrimac company is operating at about 65 per cent of its plant capacity and stocks on hand are above normal. The price tendency continues downward. The labor situation as far as supply is concerned seems sufficient although the class is not as good. Wages appear to be temporarily stabilized. Customers show marked conservatism in all purchases.

The Board of Governors of the Synthetic Organic Chemical Manufacturers' Association will meet at 1 Madison ave., New York, April 10. The Dyestuffs section will hold its monthly luncheon at the Hotel Commodore, New York, April 11.

March Coal-Tar Imports Double February

Dyes Totaled 293,862 Pounds as Compared to 158,874 for February—Medicinal and Fine Chemicals Jump to 212,343 Pounds Against 55,094 in February—Due to 141,120 Pounds of Carboic Acid in March—Aromatic Chemicals Bigger in March With 4,145 Pounds and 2,299 for Previous Month—All Groups Show Lower Values Per Pound—Germany Shipped 63 Per Cent of Dyes Against Only 44 Per Cent in February

Imports of coal-tar chemicals during March were more than twice as great as February. In March, 293,862 pounds of dyes came in at New York, valued at \$302,016, as compared to 158,874 pounds during February, valued at \$176,657, and 228,743 pounds at \$232,571, in January, according to the figures of the Chemical Division, Bureau of Foreign and Domestic Commerce working in collaboration with the Chemical Division, United States Tariff Commission. Medicinal, photographic, and fine coal-tar chemicals rose to 212,343 pounds in March from 55,094 in February, due to 141,120 pounds of carboic acid brought in. Aromatic chemicals were greater in March with 4,145 pounds against 2,299 for February. In all groups, lower average values per pound were shown in March, dyes averaging down to \$1.02 per pound. German shipments of dyes showed a big increase to 63 per cent against 44 per cent in February.

Five leading dyes for February and March compared as follows:

February	Pounds	March	Pounds
Algol Brown B.....	20,497	Fast Green	16,730
Erioglaurine	12,213	Algol blue 3G	15,139
Indanthrene Golden		Indanthrene Golden	
Orange R	6,960	Orange G	13,195
Algol Brown G	6,679	Indanthrene Golden	
Phosphine	6,522	Orange R	12,696
		Indanthrene Blue GCD..	9,666

The key to abbreviations:

1. The six leading German Companies

- A....Actien-Gesellschaft fur Anilin-Fabrikation, Berlin. Founded 1873. Branches in France and Russia.
 B....Badische Anilin- und Soda-Fabrik, Ludwigshafen on the Rhine. Founded 1862. Branches in France and Russia.
 By....Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen on the Rhine. Founded 1862. Branches in France and Russia.
 C....Leopold Cassella & Co., Frankfurt on the Main. Founded 1870. Branches in France and Russia.
 K....Kalle & Co., A. G., Biebrich on the Rhine. Founded 1870. Branches in France and Russia.
 M....Farbwerke vorm. Meister Lucius & Bruning, Hoechst on the Main. Founded 1862. Branches in France and Russia.

2. The seven smaller German Companies

- BK....Leipziger Anilinfabrik Beyer & Kegel, Furstenberg near Leipzig. Founded 1832.
 GG....Chemikalienwerk Griesheim G.m.b.H., Griesheim on the Main. Founded 1881.
 CJ....Carl Jager G.m.b.H., Anilinfabrik, Dusseldorf. Founded 1828.
 GE....Chemische Fabrik Griesheim-Electron, Offenbach on the Main. Founded 1842.
 L....Farbwerk Muhlheim vorm. A. Leonhardt & Co., Muhlheim on the Main. Founded 1879. Branch in France.
 M....Chemische Fabriken vorm. Weiler ter Meer, Uerdingen on the Rhine. Founded 1877.
 WD....Wulffing, Dahl & Co., A. G. Barmen. Founded 1842.

3. Dutch, Belgian and French Companies

- FA....Farbwerk Ammersfoort, Ammersfoort, Netherlands. Founded 1888.

- NF....Niederlandische Farbe- und Chemikalienfabrik Delft. Netherlands (Delft). Founded 1897. Branch in Russia.
 LG....Lazard Godchaux, of Brussels. (These products are probably compounded largely from the dyes made by A. Wiescher & Co., or Haeren, Belgium.)
 P....Societe Anonyme des Matieres colorantes et produits chimiques St. Denis (formerly A. Poirrier), St. Denis, near Paris, France. Founded 1830.

4. Swiss Companies, all at Basel

- DH....Farbwerke vorm. L. Durand, Huguenin & Co. Founded 1871. Branches in Germany and France.
 G....Anilinfarben- und Extract-Fabriken vorm. Joh. Rud. Geigy. Founded 1764. Branches in France, Germany, and Russia.
 I....Gesellschaft fur chemische Industrie. Founded 1888. Branch in France.
 S....Chemische Fabrik vorm. Sandoz & Co. Founded 1887.

5. English Companies

- CI Co....The Clayton Aniline Co. (Ltd.), Clayton, near Manchester. Founded 1876.
 CV....Colne Vale Chemical Co., Milnsbridge, near Huddersfield.
 RHS....Read Holliday & Sons (Ltd.), Huddersfield. Founded 1830. (Purchases by British Dyes (Ltd.).)
 BD....British Dyes (Ltd.). Founded 1915.
 Lev....Levinstein (Ltd.) Crumpsall Vale, near Manchester. Founded 1864.
 Q....Importations of unknown source through dealers in colors.

The list of dyes follows:

Schultz No.	Dye & Maker	Quantity Pounds
6	Martius yellow	100
	Martius yellow crystals-A	

Imports of dyes at Boston for March were 8,937 pounds, valued at \$5,231. The average monthly imports of dyes at New York during 1923 was about 220,000 pounds. The average during 1922 was 331,000 pounds.

Relative imports of dyes during January, February, and March, originated as follows:

	January Per Cent	February Per Cent	March Per Cent
Germany	41	44	63
Switzerland	32	35	15
Italy	6	8	6
Belgium	8	4	3
England	5	3	6
Canada	3	1	—
France	3	2	2
All others	2	3	5

Imports of medicinals, intermediates, photographic developers and other coal-tar chemicals totaled approximately 212,343 pounds with an invoice value of \$46,254, compared with 55,094 pounds with an invoice value of \$16,870 for February. The poundages are given as approximate, because certain of the medicinals were reported in ampoules, the exact weight of which is not known. The imports of carboic acid led this group with a total of 141,120 pounds with an invoice value of \$19,593.

Imports of synthetic aromatic chemicals were: January, 3,448 lbs. at \$8,854; February, 2,299 lbs. at \$5,930; March, 4,145 lbs. at \$8,182.

Imports of color lakes during the month of March totaled 11,520 pounds with an invoice value of \$3,343. The imports of color lakes during February were 4,181 pounds with an invoice value of \$1,848.

Schultz No.	Dye & Maker	Quantity Pounds
19	Fast light yellow	110
	Fast light yellow 2G-c-By	
22	Xylene light yellow	5,008
	Xylene light yellow R conc-c-S	
23	Hansa yellow G	
	Hansa yellow G paste-M	2,000
	Hansa yellow G pdf-M	500
38	Orange G	110
	Orange G-By	
81	Brilliant cochineal	82
	Brilliant wool scarlet PG-K	
118	Geranine	410
	Geranine G-By	
140	Curcumeine	440
	Chromocitronine R-nc-DH	
158	Chrome brown RR	551
	Chrome brown RVV-nc-G	
175	Ponceau	440
	Acid ponceau E-nc-G	
177	Mordant yellow	200
	Milling yellow GA-A	
182	Brilliant sulphon red	495
	Fast sulphon violet 5ES-c-S	
183	Eriochrome black T	100
	Eriochrome black T-c-G	
207	Diphenyl fast brown G	2,205
	Diphenyl fast brown GNC-G	
211	Resorcin brown	335
	Resorcin brown F-nc-K	
247	Scarlet	10
	Imperial scarlet 3B-By	
264	Fast sulphon black	25
	Fast sulphon black F-c-S	
265	Sulphon cyanine black	25
	Sulphonine black B-c-S	
273	Diaminogene blue	564
	Diaminogene blue NA-C	
284	Bismark brown 2R	3
	Vesuvine BLK-B	
296	Cotton yellow	1,353
	Benzo fast yellow RL-c-By	
319	Diamine scarlet	500
	Diamine scarlet 3B-nc-C	
326	Oxy diamine violet	500
	Benzo violet O-nc-By	

(Continued on Page 1091)

CHEMICAL SUPPLIES WANTED

The Depot Quartermaster, United States Marine Corps, 1100 South Broad st., Philadelphia, will take bids until April 23, for 150 pounds of sealing wax, and other materials, as per schedule 421.

The Commissioner of Indian Affairs, United States Indian Warehouse, St. Louis, Mo., will take bids until May 21, for a quantity of paints, oils and kindred materials, as required for the coming year for the Indian service.

William F. Schwartz, Commissioner of Public Works, Room 5, Municipal Building, Buffalo, N. Y., will take bids until April 14, for a quantity of liquid chlorine for the Water Department, as required for the period May 1, 1924, to May 1, 1925, as per specifications on file.

The Bureau of Supplies and Accounts, Navy Department, Washington, D. C., will take bids until April 15, for 5,000 gallons of airplane dope, and 500 gallons of dope solvent, for the Philadelphia Navy Yard, schedule 2051. Until April 22, for 30,000 pounds manganese bronze, for the Portsmouth, N. H., navy yard; and 15,000 pounds of same material for the Brooklyn, N. Y., navy yard, schedule 2054. Until April 22, for 1,500 gallons coal tar naphtha, for the Norfolk, Va., navy yard, schedule 2057.

The Domestic and Foreign Commerce Department, The Chicago Association of Commerce, 10 South La-Salle st., Chicago, has received an inquiry from a company at Piqua, O., in the market for a quantity of zinc chloride and sulfate, citric acid, lactic acid, white English chalk and lime oil, No. 2827.

AMERICAN SMELTING EARNINGS INCREASE

American Smelting & Refining Co. has declared quarterly dividends of $1\frac{1}{4}\%$ on its common stock and $1\frac{3}{4}\%$ on its preferred stock. The common dividend is payable May 1, to holders of record April 11, and the preferred is payable June 1, to holders of record May 9. The annual meeting of stockholders was held in Jersey City, April 2, when F. H. Brownell, first vice president announced that earnings of the company in January and February were larger than the average for 1923. In February the revenues were at the rate of slightly more than \$10 a share on the common stock, after all deductions and preferred dividends, and January was only about \$50,000 under February.

AMMONITE CO. IN RECEIVERSHIP

Ammonite Co., Nixon, N. J., whose plant was partly destroyed by an explosion on March 1, has been placed in the hands of a receiver, George E. Cutler, Jersey City, being appointed to take charge of the property, by the Federal Court at Newark.

Application for a receiver was made by Charles M. Egan, Jersey City, attorney for Stephen P. Piga, Bayonne, a creditor for \$283. The company's liabilities are \$90,000 and assets \$20,000. R. Norris Shreve, president, signed a consent to the receivership.

Directors of Chesebrough Manufacturing Co. have declared a 100 per cent stock dividend in line with the increase in the capital stock recently voted. The dividend is payable May 2 to stockholders of record April 15. The stock is reduced from \$100 par value to \$25, and stockholders will receive eight shares of the \$25 stock for each share of \$100 stock now held.

Car loadings for the week ending March 22 were 908,651, according to the American Railway Association. This marks a slight decrease from totals of the previous week of 916,953 cars, and from the corresponding week of 1923, amounting to 916,818 cars.

New Incorporations

Chemical Industry

Geneva Chemical Corp., New York, 200 shares preferred stock, \$50 par value, 1,000 shares common stock, no par value. S. J. Oberwager, W. Muller, P. L. Lesch. Attorney, B. Kraus, 233 Broadway.

Arkite Chemical Co., Charleston, W. Va., \$100,000. Manufacture chemicals. H. L. Carney, W. B. Brooks.

Apica Mfg. Co., New York, \$25,000. Manufacture chemicals. G. A. Kubler, L. Rood. Attorney, J. J. Lewin, 1328 Broadway.

Astral Laboratories, Newark, N. J., 1,000 shares stock, no par value. Chemical products. Conrad Frey, Otto P. Scher, 437 Riverside ave.

Muskogee Chemical Co., Muskogee, Okla., \$25,000. Chemical products. R. A. Patterson.

E. G. Sophos Co., Lowell, Mass., \$100,000. Manufacture and deal in chemicals. E. G. Sophos, John G. Sophos, L. E. Lazarakis.

R. Hillier's Sons Co., 73 Hudson st., Jersey City, \$300,000. Drugs and spices.

Smith Color and Chemical Co., 514½ E. Monroe st., Springfield, Ill., \$200,000. Manufacture. Arthur E. Prince, Geo. W. Solomon, Geo. B. Smith, D. L. Giffin, First National Bank Bldg., Springfield.

Consuming Industries

Lion Brand Products Co., Dover, Delaware, \$2,000,000. Food products. U. S. Corporation Co.

Ginseng Co., Dover, Del., \$500,000. Manufacture non-alcoholic beverages. Hugo Neu, George Neu, N. A. Neu, Menomonee Falls, Wis. American Guaranty and Trust Co.

Goldenrod Ice Cream Co., 937 W. 21st st., Chicago, Ill., \$1,500,000. Manufacture ice cream and frozen commodities. Irving Sacks, R. S. Bippus, Louis Olin, G. D. Ross and Benj. Sacks.

Adelphia Pharmaceutical Manufacturing Co., Brooklyn, N. Y., \$100,000. Make pharmaceutical products. J. Daly, W. White, N. Birch. Attorneys, Kramer & Kleinfeld, 1153 Broadway, N. Y.

Green, Low & Dolge, New York, 300 shares preferred stock, \$100 each, 450 shares common stock, no par value. Manufacture paper. A. W. Green, F. G. Low, O. A. Dolge. Attorney, J. F. Condon, 1315 Boston Road, Bronx.

Consolidated Film Industries, New York, 32,000 shares preferred stock, \$100 par value; 300,000 shares common stock, \$10 par value. Active capital, \$6,200,000. H. W. Parrock, F. C. Taylor, T. E. Halle. Attorneys, Sans & VanVoorhis, 36 W. 44th st.

Uniflex Rubber Co., 40 Paterson ave., East Rutherford, N. J., \$125,000. Manufacture moulded rubber goods and plumbers supplies.

Clarke Minute Icing Corp., Wilmington, Delaware, \$1,000,000. Manufacture. Corporation Service Co.

Flexoloid Co., Leominster, Mass., \$50,000. Manufacture celluloid and similar products. William Cavanaugh, Frederick T. Platt, William S. Platt.

Paragon Paint and Varnish Corp., Queens, \$50,000. Manufacturers. M. Berlin, I. Finkelman. Attorney, A. Eckstein, 200 Broadway, New York.

Fastick Glue Co., Boston, Mass., \$50,000. Manufacture glues. John W. Brodis, Melrose, Mass. and Earl W. Fell, Wakefield, Mass.

Acorn Products Corp., Wilmington, Del., \$100,000. Manufacture flavorings. Colonial Charter Co.

Rex Glass Co., Wilmington, Del., \$100,000. Manufacture glass fruit jars, rings, etc.

American Romanite Corp., Wilmington, Del., \$500,000. Kiln. William H. Burr, Frank H. Winter, Sydney Z. Davidson, Rochester, N. Y. Corporation Trust Co. of Delaware

Standard Nut Margarine Co. of California, Ltd., Dover, Del., \$100,000. Deal and manufacture.

B. S. Ellis & Co., New York, \$100,000. Crude rubber. B. S. Ellis, W. R. Velthaus, H. R. Kaus. Attorney, F. J. Knorr, Albany.

Michael Hayman & Co., Buffalo, \$1,200,000. Metallurgical operations. E. M., O. M. and C. Hayman. Attorneys, Shire & Jellinek.

Kuehnle, Wilmington, Del., \$200,000. Manufacture paints. Corp. Trust Co. of America.

Weidman, Ward & Co., Albany, \$1,000,000. Food products. T. F. Ward, S. W. Gifford. Attorney, F. E. Wadhams.

Miracle Food Products Co., Dover, Del., \$1,250,000. I. H. Kramer, David E. Hurwitz, A. A. Kelley. Capital Trust Co. of Delaware.

New Canadian Companies

Mount Royal Extract Co., Ltd., Montreal, Que., \$50,000. Manufactures essential oils and chemicals. Zoel A. Lambert, Joseph S. David, Ambrose A. Pigeon.

Canadian Patent Leather Co., Ltd., Toronto, Ont., \$50,000. Manufacture patent leather. Fred H. M. Irwin, Arnon W. Burt, Doris A. Lowry.

Shurly & Derrett, Ltd., Toronto, Ont., \$250,000. Manufacture cotton and worsted. C. B. Nasmith, Robert Fennell, S. H. Porter.

Black & Muir, Ltd., Montreal, Que., \$50,000. Manufacture textiles and rubber. Francis J. Black, Archibald Muir, Frank M. Miller.

John A. Lang & Sons Leather Co., Ltd., Kitchener, Ont., \$200,000. Manufacture leather. John A. Lang, Joseph H. Lang, August Lang.

QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending April 5.

	Bid	Asked		Bid	Asked
*Air Reduction 74	75 1/4		Hercules Powder 103	104 1/4	
*Allied Chem. & D. 67	67 1/2		Hercules Powd., pf. 102	103 1/2	
*Allied Ch. & D., pf. 110	111		Heyden Chem. 194	194	
*Am. Ag. Ch. 9	9 1/4		Hooker Electro 5	15	
*Am. Ag. Ch., pf. 25 1/4	25 1/2		Hooker Electro, pf. 33	45	
*Am. Chicle 15 1/2	16		*Household Products 32 1/4	33	
*Am. Chicle, pf. 60	65		*Int. Agricult. 3 1/2	1	
*Am. Cyan. 97	100		*Int. Agricult. New. 3 1/4	4 1/2	
*Am. Cyan., pf. 73	76		*Int. Agricult., pf. 5 1/4	7	
*Am. Druggist S. 4 1/4	5		*Int. Nickel 13 1/4	13 1/2	
*Am. Glue 38	42		*Int. Nickel, pf. 79	80	
*Am. Glue, pf. 108	113		*Int. Salt 71 1/4	89	
*Am. Linseed 16 1/2	17		*Mathieson Alk. 35	35 1/4	
*Am. Linseed, pf. 36 1/4	39		*Merck & Co., pf. 67	70	
*Am. Zinc 8 1/2	9		*Merrimac 94	96	
*Am. Zinc, pf. 27	27 1/2		*Mulford Co. 32	38	
*Archer-Dan-Mid. 21	22		*Mutual Co. 100	100	
*Archer-Dan-Mid., pf. 84	85 1/2		*National Lead 137	138 1/2	
*Atlas Powder 50	51		*National Lead, pf. 112 1/4	114	
*Atlas Powd., pf. 85	87		N. J. Zinc 146	148	
By. Prod. Co. 45	50		Niag. A., pf. 96	100	
Carborundum 135	135 1/4		Parke, Davis & Co. 81	82	
Carborundum, pf. 118 1/4	116		Penn Salt 85	86	
Casein Co. 70	80		*People's Gas, Chi. 94 1/4	95	
Celluloid Co. 77	80		Procter & Gamble 120	122	
Celluloid Co., pf. 108	110		Procter & Gam., pf. 108	109	
Ches. Mfg. 408	413		Royal Bak. Po. 130	136	
Ches. Mfg., New W. 51 1/4	52		Royal Bak. Po., pf. 98 1/4	99 1/2	
Ches. Mfg., pf. 112	115		Sherwin-Williams 30	31	
*Com'l Solv. A. 53	54		Sherwin-W., pf. 100	103	
*Do B. 44	45		Stand. Ch. 90	100	
*Corn Products 169	170		Swan & Finch 60	62	
*Corn Products, New			*Tenn. C. & Chem. 73 1/4	75 1/2	
w.l. 33 1/4	33 1/2		*Tex. Gulf, Sul. 58 1/4	59	
*Corn Products, pf. 115	118		Union Carbide 58 1/2	59	
*Davison Chem. 53	53 1/4		Union Sulphur 80	80	
Dow Chem. non par. 45	50		*Un. Drug 76	80	
Dow Ch., pf. 94	98		*Un. Drug, 1st pf. 47	47 1/4	
*Du Pont de Nem. 127 1/4	128 1/4		*Un. Dyewood 39	44	
*Du Pont de Nem. Db. 86 1/4	86 1/2		*Un. Dyewood, pf. 91 1/4	91 1/2	
*Eastman Kodak 108 1/4	109		Un. Gas Imp. 57 1/4	58 1/2	
*Eastman Kodak, pf. 106 1/4	108		Un. Gas Imp., pf. 55	55 1/2	
*Freepont Tex. 9 1/4	10		U. S. Gypsum 83 1/4	84 1/2	
*Gold Dust 31 1/4	33		*U. S. Indus. Al. 69 1/2	69 1/4	
Grasselli 121	123		*U. S. Indus. Al., pf. 100	104	
Grasselli, pf. 103	104		*Va.-Car. Ch. 1 1/2	1 1/4	
			*Va.-Car. Ch., pf. 5 1/2	5 1/4	
			*V. Vivaudou 9 1/2	9 1/4	

*Listed on New York Stock Exchange

AGRICULTURAL CHEMICAL BONDS DECLINE

Last week's low price of 92 1/2 for the 7 1/2 per cent bonds of the American Agricultural Chemical Co., for years generally regarded as one of the strongest of industrial concerns, is disturbing, says the "Wall Street Journal." Depleted earning power naturally explains the low quotations of 25 1/4 for the preferred stock and 8 1/4 for the common, but it is disconcerting to the holders of the \$29,000,000 7 1/2 per cent bonds to note the lack of investment support of this mortgage issue preceded as it is by only \$5,859,000 of prior lien bonds. When the company's credit is restored by improved business conditions, one of the first steps is likely to be refinancing of this refunding mortgage issue with a view to reducing the burdensome charges ahead of the preferred stock.

Eastman Kodak Co. report for the year ended Dec. 31, last, shows net profits of \$18,887,229, after Federal taxes, depreciation and other charges, the largest in the history of the company. This is equal, after preferred dividends, to \$9.13 per share on the 2,026,850 shares of common stock no par value, which compares with earnings of \$8.82 a share on the outstanding common stock in 1922.

Annual report of American Glue Co. for year ended December 31, 1923, shows net income of \$191,911 after charges and federal taxes, equivalent, after preferred dividends, to \$1.86 a share earned on \$4,367,700 common stock. This compares with \$237,810, or \$2.92 in previous year.

The Common Council, West Chester, Pa., has called an election for April 22, to vote on a proposed issue of \$100,000 in bonds, the proceeds to be used for the installation of a municipal filtration plant.

Financial Notes

Archer-Daniels-Midland Co. has been awarded a judgment against the Inland Marine Corp. amounting to \$2,484.06.

W. F. George Chemicals Inc. has been awarded a judgment of \$928.33 against Moses B. Jasspon, of Moses B. Jasspon & Co.

Hercules Powder Co. has declared a quarterly dividend of 1 1/4% on preferred stock, payable May 15 to stock of record May 5.

Vera Chemical Corp., a Massachusetts corporation capitalized at \$100,000, has designated the Secretary of State as representative in New York.

The profits of Lever Bros. Soap Co. for the year 1923 were £5,016,000, against £4,570,000 for the preceding year. Assets at the end of 1923 were in excess of £65,000,000.

The following judgments have been filed in New York County: Colgate & Co., against Humphrey Supply Co. for \$212.26; Granton Chemical Co., against Raymond Products Co. for \$867.07.

Dividends amounting to over \$250,000,000 were paid April 1, by 402 corporations. Many companies paid extra dividends including American Cyanamid and Eastman Kodak Cos., which paid 50c and 75c respectively.

Bonds called for redemption during April amount to \$23,800,000, which compares with \$12,564,220 redeemed during March. The most important issue to be called is Solvay & Cie, 8 per cent notes, due 1927, amounting to \$10,000,000.

The following judgments have been filed with the County Clerk of New York County: Mitsui & Co., against the Geresta Corp. for \$24,082.36; Lazelle Perfume Co., against Herman Gottlieb, \$194.54; Barrett Co., against Rubin Kwarther, \$118.

Corn Products Refining Co. has appointed the Registrar and Transfer Co., 7 Dey st., New York, registrar of the capital stock of the company which includes \$25,000,000 preferred stock of \$100 par value and 3,000,000 shares of common stock of \$25 par value.

Sixteen new chemical and drug companies were organized during March with a total capitalization of \$24,925,000, according to the "Journal of Commerce." This compares with twenty-two new companies formed during February, capitalized at \$5,505,000. In January, total capitalization amounted to \$14,180,000.

Conferences of bank committees appointed to re-organize Virginia-Carolina Chemical Co. indicate that there will be nothing left for the holders of common and preferred stock. The new company will have a capitalization equal to that of the outstanding funded debt at the present time, meaning that the common and preferred stocks will be virtually wiped out. The capitalization of the new company will probably consist of capital stock and no bonds. The holders of the funded debt, amounting to \$37,375,000, consisting of \$25,000,000 first mortgage bonds and \$12,375,000 sinking fund bonds, will be asked to take common and preferred stocks in exchange for their securities. The capital stock of the new company, it is expected, will be \$37,375,000, or equal to the present bonded indebtedness.

The Heavy Chemical Market

Current Spot Quotations of Heavy Chemicals, pages 1108-1110

IMPORTED CHEMICALS IN SMALL SUPPLY

Delay in Shipments Causes Temporary Shortage in Some Items—Prices Little Affected in View of Slow Demand—Prussiates Weaker—Caustic Potash Stronger—Copper Sulfate Quiet—Barium Products Strong—Arsenic Dull

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Caustic Potash, Imp., ½c lb.	
Declined	
Am. Chloride, Imp., white, ½c lb.	Sodium Prussiate, Imp., ¼c lb.
Methyl Acetone, 5c gal.	Potash, Prussiate, red, Imp., 1c lb.

	Trend of the Market					Pre. War
	Today	Last Week	Last Month	Last Year	War Peak	
Acetic Acid, Glacial...lb.	\$12	\$12	\$12¼	\$12¾	\$19¼	\$07
Sulfuric Acid, 66 deg. ton	14.00	14.00	14.00	13.00	55.00	20.00
Ammonium Sulfate, 100 lbs.	3.00	3.00	3.00	3.50	7.50	2.65
Bleaching Powder, 100 lbs.	1.90	1.90	1.90	2.00	9.50	1.50
Copper Sulfate, c/l. 100 lbs.	4.90	4.90	4.90	6.40	20.00	4.50
Potash Caustic, Imp...lb.	.06¼	.06¼	.07	.08	.87	.08
Soda Ash, 58 p.c....100 lbs.	1.94	1.94	1.94	2.00	3.50	.60
Caustic Soda, 76 p.c.100 lbs.	3.66	3.66	3.66	3.70	9.50	1.42
Potassium Bichromate .lb.	.09½	.09½	.09½	.10	.65	.06¼
Sodium Prussiate, Imp.lb.	.10¼	.11	.11¼	.18	1.25	.18
Average	2.980	2.980	3.030	3.318	10.79	2.99

The situation in industrial chemicals is much the same as that which has characterized the market during the past few weeks. If anything, the market is even more quiet than during the previous week. Such business as is passing, is of the customary conservative type for small quantities for immediate delivery. Buyers apparently have at this time sufficient stocks on hand for their immediate needs or are receiving supplies regularly on contract, though full deliveries are not being taken in all cases. With the restricted demand at present, prices are of little interest to many buyers and even though many items are a "good buy" at present, they fail to induce business. Supplies of imported chemicals have grown small on spot following the recent suspension of imports from Hamburg caused by a strike of dock workers there. While there is stiffening in some products, the situation has had no general strengthening effect. In fact, some items are even weaker, but this is due mainly to a lack of demand for these products. Consuming industries, textile, leather, and paper are still operating at reduced capacity, textile mills being the least active. Exports of chemicals for the first two months have shown an increase of three per cent over the corresponding period last year. Price changes have been of minor importance and confined mainly to the group of imported chemicals.

Acid, Acetic—Demand in the New York section has been steady and prices are firm at the new levels. They are quoted on a delivered basis with 28 per cent, \$3.37 @ \$3.62 in barrels; 56 per cent, \$6.35 @ \$6.60; 70 per cent, \$7.83 @ \$8.08; glacial, \$11.90 @ \$12.75. Exports for Feb. were 36,539 lbs. against 102,670 lbs. in Feb., 1923.

Acid, Formic—Demand continues active owing to the limited supplies available. Importers quoting 90 per cent, 13c @ 13½c/lb. Imports for Feb. were 266,638 lbs.

Acid, Oxalic—Competition is still in evidence and prices are holding at the recent lower levels. Domestic quoted 10c @ 11c/lb. as to quantity and imported, 10¼c @

10¾c/lb., spot. Feb. imports totaled 473,877 lbs. against 157,279 lbs. for Feb. 1923. Five tons arrived last week at New Orleans from Norway.

Acid Sulfuric—Contract deliveries are proceeding steadily while current business is more or less routine with little new in the way of price changes. Makers quote 66 degree in carboys, \$1.35 @ \$1.75 and in drums, \$1.10 @ \$1.25; tanks quoted \$14.00 @ \$15.00 ton; 60 degree in tanks, \$9.00 @ \$10.00 ton in tanks; oleum in drums, \$1.25 @ \$1.50.

Acetone—Competition in this field has weakened prices and present levels are down to 16c @ 16½c/lb. for the C.P. in drums and 85c @ 90c per gallon for methyl acetone.

Ammonium Chloride—While imported material has been in small supply, demand has not been over active. Sale of one lot went at 6¼c/lb. though generally quoted 6½c @ 6¾c/lb. Domestic materials are moving steadily with white 7¼c @ 8c/lb. and grey 8c @ 8½c/lb.

Arsenic—Imports for Feb. totaled 1,545,024 lbs. and for the eight months ended Feb. 1924, 13,272,909 lbs. valued at \$1,270,805. There has been no change in the domestic situation. Holders of arsenic are having difficulty in disposing of their stocks while deliveries of goods on contract are being ignored by buyers in some cases. Prices are weak with quotations 11c @ 11½c/lb., spot. Calcium arsenate is gaining more interest but actual buying is still being postponed until actually required. Prices quoted 11¾c @ 12½c/lb. at works.

Barium Compounds—Spot stocks are in small supply at present and the market for imported material is stronger. Practically no carbonate is available though quoted \$65.00 @ \$66.00 ton. Domestic is firm, \$68.00 @ \$70.00 ton, works. Domestic chloride is well sold in advance and quoted \$90.00 ton, works while imported is in limited supply at \$85.00 ton. Nitrate is scarce and strong at 8¾c @ 9c/lb.

Bleaches—New business has been gaining while contract deliveries are proceeding steadily. Prices are being maintained at the latest quotations with bleaching powder in large drums on contract \$1.90 and in small drums, \$2.15 at works. Less than carlot business, 15c higher. Liquid chlorine is unchanged with tanks, 4½c/lb. on contract; cylinders in carlots, 5½c/lb. less than carlots, 6½c/lb.; and less than ton lots, 7½c/lb.

Copper Sulfate—With most of the section covered for the early buying present business is more or less routine and devoted to small lots. Domestic material is selling in carlots, \$4.85 @ \$4.95 and in smaller quantities up to \$5.10. Imported material is in small demand with a little offered at 4½c/lb. Imports last week at New York were 400 casks and imports for Feb. were 600,224 lbs. Exports for Feb. 1924, 502,505 lbs. and for Feb. 1923, 636,448 lbs.

Copperas—Quiet and holding at \$16.00 ton for bulk, \$18.00 ton in bags and \$20.00 ton in barrels.

Lead Acetate—Declining lead prices and recent reduction in acetic acid expected to produce lower prices. Quoted 15c @ 15½c/lb.

Potash, Caustic—Most of the cheaper lots have been disposed of and prices appear to be firm at 6¼c @ 7c/lb., spot. Shipment prices are firm at 6½c/lb.

Potassium Bichromate—New business continues quiet

while contract deliveries are fair. Makers quoting 9½¢ @9¼¢lb.

Potassium Prussiate—The yellow is quiet with prices ranging from 19¢@20¢lb. as to seller and quantity. The red is easier at 40¢@42¢lb.

Potassium Permanganate—Unchanged and moving slowly at 14¢@15¢lb. for domestic and imported.

Soda Ash—Little new in the domestic situation with demand holding up in most sections and prices steady. Exports of ash for Feb. 1924 were 1,803,668lb. as compared with 2,236,226lbs. for the same month last year. Makers quoting contract business at \$1.25 in bulk, \$1.38 in bags and \$1.63 in barrels.

Soda Caustic—Aside from the dullness in the textile industry, consumption continues along steady lines with prices holding to the schedule. Solid in carlots of drums on contract, \$3.10; ground and flake, \$3.50. Less than carlot business, New York, quoted \$3.76@3.91 for solid and \$4.16@4.31 for flake. Exports for Feb. were 7,814,591lbs. against 7,405,064lbs. in Feb. 1923.

Sodium Acetate—Fair demand and prices steady, 5¢ @5½¢lb.

Sodium Bichromate—Moving in a routine way with makers steady at 7½¢@7¾¢lb.

Sodium Prussiate—Imported has been in small demand and prices have eased off with sales at 10½¢lb Domestic quoted 12¢lb.

Sodium Sulfide—Fair business reported with prices steady, 3¼¢@4¢lb. for solid, 4¢@5¢lb. for broken and 2¼¢@2¾¢lb. for crystals at works.

Zinc Chloride—Imported is in limited supply with granulated at 6¾¢lb. Domestic fused, 4½¢@5¢lb. and granulated, 7¢lb.

Metals

The copper market during the past week has been quiet with only a small amount of buying being done. Inquiries are numerous but actual price changes are within narrow limits. The drop in price of copper in London had a rather weakening effect. Electrolytic is quoted at 13½¢@13¾¢lb. Following an advance in tin at London, local prices were higher. Straits sold at 52½¢lb. Lead market is quiet with prices easy at 8½¢ @8¾¢lb., New York, and 8¼¢lb., East St. Louis. Zinc is quoted 6½¢lb., New York. Antimony is quoted 10¼¢ lb. duty paid, New York.

The French Chamber of Deputies has adopted the bill ratifying the convention arranged between the French Government and Badische Aniline and Soda Fabrik in February, 1922, providing for the manufacture under the French Government's control of synthetic nitrates by the process for which the company holds patents. The bill as passed gives the Government virtually complete control of the manufacture.

F. W. Van Riper of E. I. duPont de Nemours & Co., addressed the Massachusetts Laundry Owners' Association at the Copley-Plaza last week, on dyes and showed how they are made by means of motion pictures. W. F. Joyce of the United States Finishing Co., Providence, spoke on "Bleaching and application of colors in the printing and dyeing of cotton piece goods."

Arthur R. Miller has been elected vice-president of Jayne & Sidebottom, New York. He has been associated with the company since its organization.

The steamship Saint Dunstan, which arrived at Seattle, recently, carried 200 cases arsenic for A. W. Lotz Co.

NEW YORK NOW HAS ACID LABEL BILL

A bill requiring the labeling of acids, alkalis and other products for household use has been introduced in the New York State Senate by Senator Fearon and is known as Senate No. 1664. Labels are also required stating directions for treating accidents due to the acids or alkalis. Following is a list of chemicals that are contained in the proposed bill:

Hydrochloric acid or any preparation containing 10 per cent or more of hydrochloric acid.

Sulfuric acid or any preparation containing 10 per cent or more of free sulfuric acid.

Nitric acid or any preparation containing 5 per cent or more of free nitric acid.

Hypochlorous acid or any preparation thereof containing the equivalent of 10 per cent or more of available chlorine.

Bleaching powder, chlorinated soda or chlorinated potash, or any preparation thereof containing the equivalent of 10 per cent or more of available chlorine.

Phenol or any preparation containing 5 per cent or more of phenol.

Oxalic acid or any preparation containing 10 per cent or more of free oxalic acid.

Any salt of oxalic acid or preparation containing 10 per cent or more of such salt.

Acetic acid or any preparation containing 20 per cent or more of free acetic acid.

Caustic potash or any preparation containing 10 per cent or more of the free caustic.

Caustic soda or any preparation containing 10 per cent or more of the free caustic.

Silver nitrate or any preparation containing 5 per cent or more thereof.

Ammonia water or any preparation yielding 5 per cent or more of free ammonia.

Any other alkali, acid, salt or preparation thereof having caustic or corrosive properties equivalent to those of any of the specified substances or preparations.

SYNTHETIC AMMONIA PLANT OPERATING

After several years of experimental work, Mathieson Alkali Works has started the first unit in the manufacture of synthetic ammonia at its Niagara Falls plant. The company is now installing additional units that will give a yearly producing capacity of over 5,000,000 pounds. The Mathieson process embraces the utilization of free hydrogen generated by the company's electrolytic alkali cells and which has previously been lost. The utilization of this hydrogen will enable the company to produce high grade ammonia at as low a cost as anywhere in the world, they claim. The process is said to be the only strictly American method now in use for the production of synthetic ammonia, and uses all American made machinery and equipment. It is understood that the Mathieson process will be installed in plants of other companies where hydrogen is produced, and the ammonia will be marketed by the Mathieson company in addition to its own product made at Niagara Falls.

R. T. Baldwin, assistant to the president of National Aniline & Chemical Co., New York, has resigned. Prior to his connection with that company, Mr. Baldwin was superintendent of Joseph Bancroft & Sons Co., Wilmington, Del.

The Board of Governors of the Insecticide and Disinfectant Manufacturers' Association has chosen Montreal, Canada for the mid-summer meeting of the Association, June 30 and July 1.

The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals, page 1108

CRESYLIC ACID LOWER IN QUIET MARKET

Increased Importations Bring Lower Prices—Phenol Continues to Decline—Naphthalene Showing Some Activity—Light Oils Holding Steady—Pyridine Scarce and High—Intermediates and Dyes Quiet—Coal Tar Chemical Exports Increase

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced
Pyridine, 15c gal.
Declined
Cresylic Acid, 97-99%, 5c gal. Phenol, Open Market, 1c lb.

	Trend of the Market				Last Year	War Peak	Pre. War
	Today	Last Week	Last Month	Last			
Benzene, pure .....	.24	.24	.24	.30	\$1.10	.25	
Naphthalene flake .....	.06	.06	.06	.09	.16	.03	
Phenol, Spot .....	.31	.32	.34	.55	1.50	.08	
Toluene .....	.26	.26	.26	.30	..	..
Aniline Oil .....	.16	.16	.16	.16	1.40	.10	
Alpha-naphthylamine ..	.35	.35	.35	.35	1.28	..	
Benzaldehyde .....	.73	.75	.75	.65	..	..
Betanaphthol .....	.26	.26	.26	.24	1.50	.08	
Dimethylaniline .....	.37	.37	.37	.42	1.30	..	
Paranitroaniline .....	.70	.70	.70	.73	1.58	.18	
Average	0.346	0.347	0.351	0.379	..	..

Little change has been noted in the market for coal tar products during the week. With textile mills in a slump in most sections of the country, buying of dyes is naturally proceeding slowly, consumers taking only enough for their immediate needs. Competition for business is keen, and, with prices at lowest possible levels, it appears to be a case of the survival of the fittest in the manufacture of dyes. Imports of dyes for March were larger than February. Exports of coal tar chemicals for the first two months of the year have shown an increase of 36 per cent over the same period in 1923. Imports of cresylic acid have been increasing and owing to the limited demand at present, prices have eased off again. Domestic acid, however, is holding firm at former levels. Demand for phenol has vanished and consequently prices are none too firm, though a good sized order would no doubt see a quick recovery of prices. The usual small lots have been declining steadily in price, however. Scarcity of pyridine and higher shipment prices have accounted for a stronger market in this item. Naphthalene is showing a little increased activity for Spring trade.

Coal Tar Crudes

Anthracene—Hardly more than routine with domestic 80-85 per cent material quoted 75c@\$1.00lb. Imports at New York last week included 208 bags anthracene.

Benzene—A fair amount of business is reported though consumers are not inclined to contract ahead to any extent, being apparently content to buy conservatively for immediate delivery. Prices have been steady at latest levels but any change in the gasoline market would naturally affect present selling prices. Pure in tanks is quoted 24c@25c per gallon, though weak at 25c, and 29c@30c in drums at mills. Ninety per cent firm at 23c in tanks and 28c in drums.

Cresylic Acid—Importations at New York last week included 158 drums acid and 329 drums coal tar distillate. Increased supplies of imported material have apparently weakened the market and offerings of 97-99 per cent material are quoted down to 65c though sellers of domestic material are still quoting up to 75c gal. Dark material is available at 65c gal.

Naphthalene—The annual Spring trade is beginning to improve though there is not as much activity as last year. Prices are lower this year and there is less resale activity. Flake is quoted 6c@6½clb. balls, 7c@7½clb. and chipped, 5½c@6clb. Inquiry from dye makers is at a minimum. Imports show arrival of 2,085 bags at New York last week.

Naphtha, Solvent—Supplies have not been large but producers have been meeting the demand which has been heavier during the past month. Demand for dry cleaning purposes is large at this season of the year. Prices are holding firm with tanks 25c@26c and drums, 30c@31c gal.

Phenol—A decided falling off in demand has been noted recently and prices have been declining steadily. An order for a round lot, however would find a stiffening in price. The usual orders have been for small lots and these are being quoted from 30c@32clb. according to seller and quantity.

Pyridine—While demand has not been active, a few orders in the market have been sufficient to cause prices to rise and hold at high levels owing to the lack of supplies on spot. Holders are asking \$4.00 per gallon while shipment prices are quoted \$3.50 from England.

Toluene—The situation has changed little. Supplies have been limited but demand has not been over active. Producers quoting tanks 26c gal. and drums, 31c gal.

Xylenes—Demand is more or less routine with occasional sales reported. Quotations are holding steady with 3 degree quoted 45c@50c in drums; 5 degrees, 35c in tanks and 40c in drums; 10 degree is quoted 32c in drums; commercial, 27c@28c in tanks and 32c@33c in drums.

Intermediates

Acid, Anthranilic—Moving regularly on routine demand with technical quoted 94clb. and refined \$1.00lb.

Acid, Cleve's—Quiet with occasional sales at \$1.00@ \$1.10lb.

Acid, Gamma—Little buying at present. Makers quoting \$1.40@\$1.50lb. as to seller and quantity.

Acid, H—Aside from contract deliveries little activity is reported. Quotations are steady with makers quoting 72c@75clb. as to quantity.

Aniline Oil—No demand to speak of but prices are steady at 16c@17clb. according to quantity. Aniline salt is quiet, prices quoted 22c@24clb.

Benzidine—Quiet with makers quoting 80clb.

Beta-naphthol—Slight improvement is reported but buying is still confined to small lots. Makers are quoting 24c@26clb., the inside figure being for carlots.

Dimethylaniline—Sales are being made on the basis of 36c@38clb. according to quantity, though most sales are being made at 37c@38clb. for drums.

Diethylaniline—Routine demand with makers quoting 55c@60clb.

Ortho-toluidine—Makers quoting 13c@14clb. in a quiet market.

Para-nitraniline—Has been in fair demand with makers quoting 68c@72clb.

Para-toluidine—Competition has been keener and prices are down to 80clb.

Phthalic Anhydride—Moving well at steady prices. Quoted 30c@35clb.

BRITISH DYESTUFFS CO. EARNED £251,422

British Dyestuffs Corp.'s trading profits for 1923 amounted to £251,422, compared with £102,656 for 1922, according to the annual financial statement. The debit balance of £700,698 was reduced to £449,276. The company is planning a complete reconstruction of its affairs with £10,000,000 capital.

In a statement accompanying the financial report the directors of the corporation put themselves on record as opposed to any arrangements with German interests that do not provide for complete security for the British concern in research work and manufacturing.

The strike at the dye works of Crompton Dye Co., Crompton, R. I., has been settled by the Bureau of Conciliation, Department of Labor, Washington. The Company went on a five-day week and it was thought by the employees that the pay would be for only five days, but the employers have agreed to pay the full six-day wages.

CANADA'S DYE IMPORTS DECLINE

(Special to DRUG & CHEMICAL MARKETS)

Toronto, Canada, April 9.—Canada imports of dyeing and tanning materials during January were valued as follows: From Britain, \$8,009; United States, \$177,055; other countries, \$844,429; total \$230,098; compared with imports in January, 1923: From Britain, \$13,477; United States, \$271,729; other countries, \$96,475; total \$381,681.

Imports of aniline and coal tar dyes included in the above were: From Britain, 15,096 lbs., value \$8,319; United States 158,185 lbs. value \$89,717; Germany, 37,245 lbs. value \$21,542; Netherlands, 11,778 lbs. value \$6,186; Sweden, 7,600 lbs. value \$5,933; Switzerland, 6,459 lbs. value \$4,396; total 236,363 lbs. value \$136,093; compared with imports in January 1923: Britain, 20,718 lbs. value \$10,014; United States, 160,098 lbs. value \$96,488; Germany, 29,502 lbs. value \$31,497; Netherlands, 35,290 lbs. value \$33,176; Sweden, 3,834 lbs. value \$1,971; Switzerland, 23,802 lbs. value \$22,958; total 274,144 lbs. value \$196,104.

MARCH COAL TAR IMPORTS
(Continued from Page 1085)

Schultz No.	Dye & Maker	Quantity Pounds	Schultz No.	Dye & Maker	Quantity Pounds
330	Zambesi brown 4R-A	50	618	Thiodlavine T	1,300
353	Diphenyl red 8B-By	2,913		Basic yellow TCN-C	
	Aceto purpurine 8B-nc-A		635	Modern violet	660
	Chloramine red 8BS-By			Modern violet-nc-DH	
	Chloramine red 8BS conc-nc-By			Blue TCD 1900-nc-DH	
	Tolylene red-nc-GrE		645	Gallazine	110
363	Benzopurpurine 4B	200		Gallazine No. 90 pdr-DH	
	Cotton red 4BX-B		659	Methylene blue BG conc-B	13
366	Delta purpurine	440	661	Thionine blue	500
	Delta purpurine 5B-By			Thionine blue gold-M	
392	Tolylene orange	1,823	663	New methylene blue N	1,000
	Pyrazol orange G conc-nc-S			New methylene blue N-M	
	Tolylene fast orange GL-By		672	Azo carmine	1,795
428	Direct blue B	110		Azo carmine GX-B	
	Direct brilliant blue 8B-I			Rosinduline GXF-K	
456	Benzo fast blue 4GL-By	110	679	Safranin	25
	Auramine	500		Safranin B conc. pure-C-S	
	Auramine N conc-C-S		700	Nigrosine (soluble in water)	50
505	Light green (yellowish)	110		Silver gray P-A	
	Acid green GG extra-C-By		759	Anthraflavone G paste	2,189
506	Erioglaucine	5,000		Anthraflavone GC paste-nc-B	
	Erioglaucine EP-nc-G			Anthraflavone GC pdr-B	
512	Magenta	10		Anthra yellow GC paste-nc-B	
	Magenta pdr. AB-B			Anthra yellow GC pdr-B	
523	Fast green extra bluish-nc-By	16,720	760	Indanthrene golden orange G (single strength)	13,195
	Fast green extra blue shade-By			Helindone golden orange IG dbl. paste-M	
528	Fast acid violet 10B	2,204		Helindone golden orange DIG dbl. paste-M	
	Kiton fast violet 10B-C-I			Indanthrene golden orange G paste-B	
530	Acid violet	500		Indanthrene golden orange G dbl. paste-B	
	Acid violet C 10B-B			Vat golden orange G dbl. paste-B	
537	Methyl blue for silk	112	761	Indanthrene golden orange R (single strength)	12,696
	Methyl blue MBS pdr-nc-GrE			Indanthrene golden orange RRT paste-nc-B	
543	Patent blue	2,935		Vat orange RRT paste-B	
	Brilliant acid blue V-C-M			Vat orange RRT paste fine-B	
	Patent blue V-C-By		762	Indanthrene scarlet GS pdr	110
	Poseidon blue BGX conc-B			Helindone orange I 4R pdr-M	
545	Patent blue A	1,456	765	Indanthrene green B (single stgth.)	5,465
	Poseidon (Neptune) blue BR extra-B			Helindone black IBB dbl. paste-M	
	Brilliant acid blue A-C-By			Indanthrene black BB dbl. paste-C-B	
	Brilliant acid blue FF-C-By			Indanthrene black BB extra pdr-B	
546	Cyanol	110		Indanthrene blue green B dbl. paste-B	
	Cyanol FF-nc-C		767	Indanthrene violet RR (single paste)	5,410
548	Acid violet 6BN	300		Vat brilliant violet RR paste-B	
	Acid violet 6NCO-B			Vat brilliant violet RRT pdr-B	
559	Victoria blue B	917	778	Alizarin, synthetic	4,958
	Victoria blue B base-B			Alizarin DIB new-M	
571	Rhodamine 6G	165		Alizarin VI extra pure-B	
	Rhodamine 6GDN extra-nc-B		779	Alizarin orange	2,611
	Rhodamine 6GDN extra-nc-By			Alizarin orange paste-C-BAC	
573	Rhodamine B	1,189		Alizarin orange KP paste-By	
	Rhodamine B extra-C-Q		782	Alizarin brown	2,738
	Rhodamine B extra base-B			Alizarin RG, GI	
580	Rosazene B extra-C-M	200		Alizarin red SDG-M	1,000
	Fast acid violet B-M		785	Alizarine bordeaux	800
	Fast acid violet R-M			Alizarin bordeaux BP paste-By	
603	Acridine orange	1,762	790	Anthracene blue	200
	Acridine orange DHE-nc-DH			Anthracene blue SWGG pdr-B	
	Brilliant acridine orange A-nc-DH		792	Cibacene orange R paste	661
606	Phosphine	4,205		Cibacene green G paste-I	
	Patent phosphine GG-C-I		797	Alizarin garnet	50
	Phosphine 3R-A			Alizarin claret R paste-M	
609	Homophosphine	260			
	Coriolavine GOOO-C-GrE				

(Continued on Page 1141)

The Oil Market

Current Spot Quotations of Oils, Tallows, Greases, page 1127

RED OIL AND OLIVE FOOTS HIGHER

Active Demand Brings Advance—Foots in Limited Supply—Chinawood Oil Lower in Quiet Market—Linseed Oil Higher for Small Lots—Cottonseed Oil Recovers—Fish Oils Inactive—Turpentine Unsettled—Coconut Oil Steady

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Red Oil, distilled, 3/4c lb.	Linseed Oil, 1c/l, 1c per gal.	Chinawood Oil, spot, 13/4c lb.	Oleo Oil, No. 1, 3/4c lb.
Saponified, 3/4c lb.	Forward shipments, 2c per gal.	Forward shipments, 13/4c lb.	Tallow, city extra, 3/4c lb.
Stearine, Oleo, 3/4c lb.	Cottonseed Oil, crude, 3/4c lb.	Coast, tanks, 23/4c lb.	
Olive Oil Foots, spot, 3/4c lb.	Refined, winter yellow, 3/4c lb.		
Neatsfoot Oil, 20 deg. c.t., 3/4c lb.	P.S.Y., 3/4c@3/4c lb.		
	Roins, 10c per unit.		

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Cod Oil, N. F.....gal.	.67	.67	.68	.70	\$1.26	\$.39 1/2
Degras, American, bbl..lb.	.04 1/4	.04 1/4	.04 1/4	.04 1/4	.28	.09 1/2
Lard, No. 1.....gal.	.81	.81	.87	.95 1/2	2.90	.92
Menhaden, crd., bbls..gal.	.50	.50	.50	.55	1.20	.33
Neatsfoot, 20 deg. c.t..gal.	1.38	1.35	1.27	1.27	3.45	.95
Red Oil, distilled.....gal.	.09 1/4	.09 1/4	.09 1/4	.11 1/4	.17	.07
Stearic Acid, T.P.....lb.	.13 1/4	.13 1/4	.13 1/4	.16	.33	.12
Coconut, Ceylon, bbls..lb.	.10	.10	.10	.10 1/4	.90	.14
Cottonseed, crude, tks..lb.	.08 1/4	.08 1/4	.08 1/4	.10 1/4	.25	.08
Linseed, carlots.....gal.	.90	.90	.94	1.17	1.88	.37
Olive, denatured.....gal.	1.25	1.25	1.25	1.45	4.30	1.05
Peanut, refined.....lb.	.16 1/2	.16 1/2	.16	.17	.30	.08
Soya Bean, bbls.....lb.	.12	.12	.12	.13 1/4	.19 1/4	.07
Average	0.472	0.470	0.480	0.518	1.30	0.362

The general impression prevails that, although the market during the week has been unsettled, conditions will shortly show an improvement and business expand. Linseed oil appears to be recovering and seed prices are advancing. Cottonseed oil is more active, and both crude and refined are higher. Prices of vegetable oils are, for the most part, steady. Demand has not increased materially, but the tone is firmer, and the outlook is considered brighter for broader buying than it has been for some time past. Chinawood oil appears to be an exception, with a continuation of declining prices. Buying is dormant. Buyers are apparently out of the market until they are sure that the low mark for prices generally has been reached.

Vegetable Oils

Castor Oil—A fair demand has been noted and, with supplies scarce, prices have maintained a firm tone. No. 1 is quoted 15 1/2c@16c lb., and No. 3, 15c@15 1/2c lb.

Chinawood Oil—Sellers have again reduced prices in efforts to induce buyers into the market. Sales have been made in small quantities only, and inquiries have declined. Market is weak in tone and decidedly uncertain. Quotations are as follows: Spot, 16c@16 1/4c lb.; forward shipments, 15 3/4c@16c lb.; coast, tanks, 13 3/4c@13 1/2c lb.

Coconut Oil—Demand has been fair but not up to expectations. A little more activity has been noted in Ceylon, with quotations at 9 3/4c@10c lb. spot. Ceylon, in tanks, is quoted 8 3/4c lb. Manilla, in tanks at coast, 8 3/4c lb.

Corn Oil—Demand has been small and business limited to bare requirements. Crude oil is quoted 8 1/2c@8 3/4c lb. Refined oil is steady at 12c@12 1/4c lb.

Cottonseed Oil—Business has improved during the

past week with prices generally stronger and the market on a firmer basis. Following a slump in the cotton market and in lard prices, quotations are temporarily affected but, are expected to recover to last week's levels. P.S.Y. opened this week at 10.30@11.00 for April. May, 10.18@10.20, to 10.69@10.71 for Sept. Oct., 10.20@10.30 and Nov. 9.20@9.45. Crude oil is quoted 8 3/4c lb. Refined oil is steady, with winter yellow higher at 12 1/4c lb.

Linseed Oil—Market has improved and with slightly increased demand, prices for less than carlot orders have been advanced. Business, however, is not up to expectations and transactions are limited to small quantities. The advance in seed prices has contributed to firmer tone. Carlots are quoted 90c gal. in barrels, spot, and less than carlots, 94c gal. Forward shipments are priced 90c gal. London linseed oil is lower at 37s 6d per quintal. Antwerp prices have declined to 320f per hundred kilos. Flaxseed quotations are as follows: Winnipeg, May, 2.07 1/4; July, 2.07; Oct., 1.86. Duluth, May, 2.04 1/4; July, 2.36 1/4; Sept., 2.25. Buenos Aires market steady at 1.62.

Olive Oil—There has been little demand for denatured oil during the past week and sales have been noted at \$1.25 gal. Inquiries have increased and with supplies scarce, market has a fairly steady tone. Olive oil foots are scarce and prices have advanced to 9 1/2c@10c lb., spot.

Palm Oil—Market has been quiet with only small amount of buying being done. Sellers report increase in inquiries. Prices are unchanged with Lagos quoted 8c lb. Niger is quoted 7c@7 1/2c lb.

Perilla Oil—Spot supplies are scarce and prices unchanged. Demand is more or less routine. Sellers quote 14 1/4c lb., spot.

Rapeseed Oil—Better demand has been reported and market has fairly steady tone. Refined oil is quoted 90c@92c gal. in barrels, spot. Imports during February amounted to 72,403 gallons.

Soya Bean Oil—Sales during the week have been of little importance but supplies remain scarce and a steady tone is maintained. Crude oil is quoted at the coast, in tanks, 10 1/4c lb. Crude oil, in barrels, spot, is quoted, 12c@12 1/2c lb. Imports during February amounted to 1,567,925 pounds.

Animal Oils

Lard Oil—Market is unchanged with demand routine. Export trade is small. Quotations are as follows: Edible prime, 14c lb.; No. 1, 10 3/4c lb.; No. 2, 10 1/2c lb.

Neatsfoot Oil—Demand has been irregular with buying of a routine nature. 20 degrees c.t. oil is in better demand and is selling at 18 1/2c lb., spot. Extra is quoted 11 1/4c lb., N. Y.

Oleo Oil—Demand has been limited and the export trade quiet. Producers have reduced No. 1 oil, in barrels spot, to 12 1/2c@12 3/4c lb. No. 2 is quoted 10 3/4c lb.

Red Oil—Producers have advanced prices 1/4c@3/4c lb. Demand is active and the market shows strong tone. Distilled oil is quoted 9 1/2c@10c lb.; saponified, 9 1/2c@10c lb.; and in tanks, 8 1/2c@9c lb.

Stearic Acid—Market has been weak and buying of routine nature. Single pressed is quoted 11 1/2c@12c lb.; double pressed, 12@12 1/2c lb.; triple pressed, 13@13 1/4c lb.

Tallow—Very little interest has been evidenced. Demand is routine and limited. Prices are easier with city extra quoted at 7½¢lb.

Tallow Oil—Demand is routine with prices steady. Acidless is quoted 11¼¢lb. in barrels, N. Y.

Fish Oils

Cod Oil—Demand has been quiet and consumption of routine character. Inquiries have been coming in better from the tanning industry. Newfoundland oil is selling for 63¢@65¢gal. in barrels and 60¢@64¢gal. tanks, N. Y.

Menhaden Oil—Quotations for crude oil remain nominal with only an occasional lot being offered. Refined oils are in slightly better demand. Quotations: 61¢@63¢gal. for light strained, yellow bleached, 63¢@65¢gal.

Whale Oil—Supplies are scarce and business quiet. Prices remain firm with natural winter quoted at 77¢ gal. spot; bleached, 81¢gal.; extra bleached, 82¢gal.

Sperm Oil—Market is quiet with prices unchanged at recent quotations. Sellers are quoting 45 deg. c.t. 84¢gal. spot, N. Y.

Naval Stores

Turpentine—Prices fluctuated during the past week but the situation now appears to be improving and the market is maintaining a fairly steady tone. Buying has not been large but comparatively small offerings have balanced the market. Quotations are \$1.01gal. ex-yard, N. Y., with Savannah firm at 94¢gal.

Rosins—Prices have advanced during the past week with a slightly better demand. Prices are on the following basis: B to K, \$5.85; M, \$5.90; N, \$6.10; WG, \$7.10; WW, \$7.50.

TURPENTINE PRICES FIRMLY MAINTAINED

Savannah, Ga., Apr. 7.—Turpentine closed the week firm at 94¢, the market having held at this figure all week. The smallness of offerings has undoubtedly kept the market firm. With the arrival of new crop turpentine and rosin within the next two weeks, it is a question whether prices will remain at 94¢. It is believed that buying will take place more freely during the last half of the month and that demand may cause the price to advance. In the meanwhile stocks are being reduced. Receipts for the week, 728 bbls.; sales, 743 bbls.; shipments, 1,679 bbls.; stock, 4,500 bbls. Rosin closed the week steady after advances of 10-15¢ earlier in the week. Offerings were small and bids at declines of 5¢ were refused. However, for business to improve, a decline in price will be necessary to stimulate buying. The claims of a large reduction in stocks of last season have helped to establish rosin on a higher basis. Foreign demand is expected to show an increase in the near future. Receipts, 2,771 bbls.; sales, 1,995 bbls.; shipments, 5,025 bbls.; stock, 56,327 bbls.

Jacksonville, Fla., Apr. 7.—Turpentine closed the week steady, 94¼¢. A bid of 93¼¢ at the close was refused. Cool weather has delayed the new crop. Stocks, 15,344 bbls. Rosin closed firm. Sales, 445 bbls.; stock, 114,573 bbls.

George F. Smith has been elected president of the Pittsburgh Paint, Oil, and Varnish Club, Pittsburgh. He was secretary of the organization for a number of years. George J. Michel was elected vice-president, A. E. Daum, treasurer, and L. C. Stuckrath, secretary.

Corn Products Refining Co. will begin operations at their new \$2,000,000 plant in Germany some time in May.

OFFERINGS OF OLIVE OIL INCREASE

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Genoa, Italy, March 29.—Harvesting of olives having ended in many localities, offerings of oils are more numerous. The strong demand for export has caused a further rise in prices. The quality of the oil on the market this year is very satisfactory, greater care having been taken in growing the olives, and collecting and pressing. Quotations per 100 kilos follow: Riviera Ponente fine, lire 800 to 830; Bari extra, lire 780 to 800; Bitente extra vecchia, lire 830 to 840; Molfetta extra, lire 830 to 840; Calabria extra, lire 780 to 790; Sardegna fine, lire 770 to 780; Toscana fine, lire 770 to 780; Abruzzi fine, lire 760 to 770; refined olive oil, lire 830 to 850.

Quotations for foreign olive oils, c.i.f. Genoa, are as follows per 100 kilos: Tortosa olive oil, pesetas 260 to 270; Aragon olive oil, pesetas 265 to 275; Borjas olive oil, pesetas 260 to 270; Andalusian olive oil, pesetas 240 to 250; Malaga olive oil, pesetas 225 to 235; Tunis olive oil, first quality, francs 760 to 770; second quality 730 to 750.

Imports of animal and vegetable oils and fats in 1923 were valued at lire 241,851,649, against lire 313,382,150 in 1922. Exports in 1923 were valued at lire 254,506,194, compared with lire 104,629,559 in 1922.

FRENCH TURPENTINE PRICES DROP

(Special Cable to DRUG & CHEMICAL MARKETS)

Paris, April 9.—The rise in the value of the franc brought down turpentine prices by some 80 francs per 100 kilograms, but despite this reaction buyers appear to prefer waiting further events before coming into the market as it is feared that prices may still further react. Large purchases were made for foreign account prior to the rise in the franc, and, as a result stocks on hand were brought down to a very low level. Furthermore internal requirements are quite sufficient to take up the small quantities of last year's production still available. It is generally anticipated in the trade that the new season's quotations will be higher than prices quoted today.

VEGETABLE OIL INQUIRY DELAYED

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C. April 9.—No decision has yet been reached by the United States Tariff Commission relative to the vegetable oil tariff investigation. The matter is now before the Advisory board of the Commission who will recommend the products which shall be included in the investigation. It is understood that the Chemical Division of the Commission has been waiting ever since the recent hearings to go ahead, but so far no move has been made by the Commission.

J. W. Denny, district sales manager of Sherwin-Williams Co. at Jacksonville, Fla., and S. E. Davis, general retail sales manager for the company at Cleveland, O., attended a conference held recently at Atlanta, Ga. R. B. Primm has been appointed general manager for the Atlanta territory. Mr. Primm was formerly located in the Cleveland district.

The Spanish export duty on olive oils, not including sulfur olive oil, has been fixed at 10 pesetas per 100 kilos for the month of April, according to a cablegram received by the Department of Commerce from Trade Commissioner Burke in Madrid.

The U. S. Senate has passed a bill "to authorize the purchase of lands in Florida for an experimental and demonstration forest for the production of naval stores."

The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, page 1108

COD LIVER OIL SPOT AND SHIPMENT LOWER

Shipment Quoted at \$23.00bbl. c.i.f.—Mercury Sharply Higher—About 27,000 Flasks Short Up to Oct. 1—Mercurials Advance in London—Minor Alkaloids Lower in Competition—Potash Permanganate Active

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Menthol, \$1.25 lb.	Mercury, \$3.00 flask
Declined	
Acetone Hydrobromide, 25c oz.	Hydrastine Alk., \$1.00 oz.
Atropine Sulfate, 25c oz.	Hyoscyamine Hydrobromide, \$1.00 oz.
Cod Liver Oil, Norwegian, 50c bbl.	Hyoscyamine Alk., \$5.00 oz.
Eserine Sulfate, \$1.00 oz.	Pilocarpine Hydrochlor., 50c oz.
Homatropine Hydrobrom., \$1.50 oz.	Sparteine Sulfate, 10c oz.
	Yohimbin Hydrochlor., 50c oz.

Trend of the Market

	Today	Last Week	Last Month	Last Year	Peak	Pre. War
Acetanilid	\$32	\$32	\$32	\$35	\$2.00	\$20
Acid Citric, Import .....	.47½	.47½	.48	.52	1.25	.45
Caffeine Alkaloid	4.00	4.00	4.00	3.75	18.00	3.65
Calomel, American	1.10	1.10	1.10	1.25	3.43	.50
Camphor, Jap., ref. ....	.77	.77	.78	.90	3.55	.41
Iodine, Resublimed	4.40	4.40	4.40	4.55	5.00	3.75
Menthol	13.50	12.25	11.75	8.00	13.50	3.00
Potassium Bromide, Cryst. ....	.30	.30	.30	.26	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.57	4.25	.27
Strychnine Sulfate .....	.63	.63	.63	.84	2.05	.50
Average	2.41	2.30	2.25	1.97	5.92	1.56

Activity in mercury has been the outstanding feature during the past week. Conservative estimates of consumption over available stocks from now until Oct. 1 are placed at 27,000 flasks. With the market in this item still advancing, sellers predict \$100.00 flask for mercury before 1924 supplies become available in October. When fine chemicals are comparatively cheap, buyers are not prone to purchase, but when the market is climbing upward one sale follows another and by giving the seller the "edge", quotations are advanced accordingly. High replacement costs, reduction of stocks in resale hands, tendency for American manufacturers to maintain present levels, and the hand-to-mouth buying for the past three months, which would show the comparatively low state of stocks in consuming quarters, all indicate a firm medicinal and fine chemical market. Contrary to the consensus of opinion, minor alkaloids have been cut, when the trade thought an advance was due owing to the retirement from the field of one of the alkaloid companies.

Acetanilid—Market quiet with demand limited to actual requirements at 30c@32c. spot from makers, and 30c@31c. from resale quarters.

Acid, Acetylsalicylic—Inquiry reported better than a week ago at 75c@85c. spot as to manufacturer. Resale material available at 70c@71c.

Acid, Citric—Spot quoted firm at 47½c@48½c. for imported as to quantity. Imports during eight months ended Feb. 29 were 434,643 pounds, valued at \$124,371, of which 183,120 pounds valued at \$51,476, were imported during February. Based on the eight months period, imports were valued at 28.6c. and 29.7c. for February. Domestic named steady at 48c@49c.

Acid, Diethylbarbituric—Imported quiet at \$3.75@ \$4.00lb. spot.

Acid, Salicylic—Inquiry routine and supplies ample for present needs at 35c. spot by makers, and resale quarters at 34c.

Acid, Tartaric—Imported steady at 27½c@28½c. spot as to quantity with immediate shipment held at 21c. c.i.f. One quarter is not quoting later than April shipment, which condition would seem to indicate the firm position assumed by shippers. Imports during eight months ended Feb. 29 were 2,556,079 pounds, valued at \$575,176, of which 374,444 pounds, valued at \$77,645, were imported during February. Based on the eight months period, imports were valued at 22.5c., and 20.7c. for February. Domestic quoted at 30c.

Alcohol—Makers are unchanged and they report an active consumption in spite of the cheap outside holders who are quoting below present schedule. No. 1 specially denatured at 48c@50c gal. spot in drums, and No. 5 completely denatured at 47c@49c gal. in drums.

Alcohol, Butyl—Market steady at 35c@40c. spot as to quantity.

Amidopyrine—Little business reported for imported material at \$4.35@ \$4.50lb. spot as to seller and quantity. Domestic unchanged at \$4.60lb.

Arecoline Hydrobromide—Quoted lower owing to sharp competition for available business at \$6.25@ \$7.72 oz. as to quantity.

Atropine Sulfate—Lower at \$2.75@ \$2.92 oz. as to quantity.

Bay Rum—Market active and some fair sized quantities have passed into consumption during the week. St. Thomas quoted at \$1.35@ \$1.55 gal. as to quantity. Porto Rican also named at \$1.35@ \$1.55 gal.

Camphor—Japanese 2½lb. slabs quoted easy at 77c@78c. spot with the possibility of cheaper prices in outside holders. Competition with the synthetic is the only reason for cheap Japanese camphor, according to a leading importer. Domestic named at 93c. in barrels.

Cod Liver Oil—Spot market easier at \$25.50@ \$26.50 bbl. for Norwegian owing to lower shipment prices, which range from \$23.00 to \$23.50 bbl. c.i.f. as to seller. The high prices have curtailed buying from the margarine factories in Europe to such an extent as to cause some concern among the refiners. The medicinal trade can take only a limited quantity, the bulk of the oil goes for industrial purposes.

Cream Tartar—Imported easy at 21c@21½c. spot, and domestic at 21¾c@22c. as to quantity. Imports of cream tartar during February were 133,717 pounds, valued at \$20,035.

Formaldehyde—Makers firm at 11c. works in c/l, and 12c@12¾c. in carboys.

Glycerin—C.P. is dull in spite of firm prices of 17c@19c. as to quantity. Dynamite quoted at 16½c@16¾c. spot. Business has been turned down at 16¾c lb.

Hydrastine Sulfate—Lower at \$16.07 oz. spot.

Hyoscyamine Sulfate—Market easier owing to keen competition at \$20.07 oz. spot.

Menthol—Spot market has advanced sharply owing to speculation in Japan, and now holders of supplies here are asking \$13.50@ \$14.00lb. as to seller and quantity. Shipment named at \$13.00lb. c.i.f. New York. Buying from consumers in this country has been small. The present rise is partly due to London covering short sales, according to reports. The "spurt" is not expected to last for any length of time, and in all probability the

decline will be as rapid as the advance. Imports during February were 17,496 pounds, valued at \$145,505. Synthetic named at \$7.50@8.00lb. as to quantity.

Mercury—Market has advanced and now quoted at \$74@76 flask spot as to holder. Supplies available between now and Oct. 1 are figured at 22,000 flasks, and the world's consumption is estimated at 50,000 flasks for a like period, leaving a shortage of about 27,000 flasks. London is quoting £13 10s per flask.

Mercurials—Calomel on spot quoted at \$1.10lb., and corrosive sublimate at \$1.02lb. No advances are expected in these items at the moment at least owing to the keen competition that prevails here. London quotes calomel higher at 4s 3d, and corrosive sublimate at 3s 4d per pound.

Monomethylparamidophenolsulfate—Market has advanced and now quoted at \$3.95@\$4.20lb. spot as to quantity.

Potassium Permanganate—Imported quoted firm at 1474c@17c lb. spot as to seller. Since cheap resale lots are being cleaned up, the large holder of 100 tons will, no doubt, have an opportunity to dispose of some of his material. Domestic, 14c@15c lb. works as to quantity.

Sparteine Sulfate—Quoted lower at 30c@40c oz. spot as to quantity.

Yohimbin Hydrochloride—Market is sharply off at \$3.00@\$3.57 oz. spot owing to small demand and keen competition for available business.

R. Hillier's Son Co., New York, drug importers and millers, have sent out a card announcing a reorganization of the company with Isaac V. S. Hillier, president; Richard V. S. Hillier, vice-president and treasurer; and Frank G. Hale, secretary. Offices are at 89 Fulton st., New York City. The statement in DRUG & CHEMICAL MARKETS last week that the dissolution of the Anderson-Hillier Co. was the result of a disagreement between the heads of the company, Isaac Hillier and Percy E. Anderson, was said to be untrue by the latter, who stated strongly that not the slightest disagreement had occurred.

Canadian imports of drugs, and medicinals during January were valued as follows: From Britain, \$86,240; United States, \$99,103; other countries \$42,665; total \$228,008; compared with imports in January, 1923: From Britain, \$60,591; United States, \$73,333; other countries, \$31,798; total \$165,722.

Mallinckrodt Chemical Works, St. Louis, has issued the April price list, in which advances are noted in lead acetate, lead oxide yellow, mercury, and ammonium carbonate. Declines were registered in acetone, cream tartar, strychnine, and thymol iodide.

The value of Swiss exports of pharmaceuticals to Argentina was 241,024 francs in 1922, according to Consul Lewis N. Haskell, Geneva, compared with 272,411 francs in 1921, 1,945,871 francs in 1920, and 92,961 francs in 1913.

The London quicksilver market is steadily advancing in spite of slow demand, according to late advices. The report states that sellers are hard to find; in fact, no stocks are available.

The steamship Shidzuoka Maru, which arrived at Seattle, recently, carried 25 cases menthol for Theodore Seltzer, and 15 bales agar agar consigned to Lee, Higginson & Co.

The steamship President Jefferson, which arrived recently at Seattle, carried 10 bales of agar agar for Frazar & Co.

ARGUE IN FAVOR OF CRAMTON BILL

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C. April 9.—Proponents of the Cramton bill for the establishment of a Prohibition Bureau in the Treasury Department presented their views to the Judiciary Committee of the House on Wednesday of last week and the hearings were closed, with the bill now before the committee for its action. Representative Cramton and Judge J. J. Britt, of the Prohibition Unit, appeared in favor of the bill, and a brief was presented which had been prepared by Wayne B. Wheeler endorsing the bill. Representative Cramton also introduced a communication in favor of the bill from the United States Medicine Manufacturers Association.

Judge Britt told the committee that of the violations of the prohibition laws probably 40 per cent arose from withdrawals of alcohol. He told the Committee that he favored the Cramton bill.

In the brief filed by Mr. Wheeler in favor of the bill, he said in part: "The proposed civil service provision of the bill will take the appointment of prohibition agents out of politics so far as it can be done." Mr. Wheeler contended that permits for industrial alcohol should not be separated in administration from permits for alcohol for other purposes.

ARMS HEADS CHICAGO DRUG ASSOCIATION

At the monthly meeting of the Chicago Drug and Chemical Association at the Hamilton Club, the following officers were elected for the ensuing year: President, H. C. Arms, Central Scientific Co.; vice president, O. M. Krembs, Krembs Chemical Co.; treasurer, E. H. Eitel, Special Chemical Co.; secretary, Wm. Lowenstein, Bauer and Black. The following directors were elected for a term of two years: J. W. Morrisson, Fuller-Morrisson Co.; C. P. Van Schaak, Peter Van Schaak & Sons; C. S. Curtis, Abbott Laboratories; P. A. Rising, Chas. Pfizer Chemical Co.

Arthur Dawson, dean of Chicago drug trade and formerly with the Robert E. Stevenson Co., was elected an honorary member of the association. Mr. Dawson served 57 years in the Chicago drug business.

Sale of a hair dye containing para-phenylenediamine without a substance or substances capable of producing oxidation which will eliminate the injurious qualities of para-phenylenediamine is contrary to the Sanitary Code of the Department of Health of the City of New York. It has been found that hydrogen peroxide sold with solutions of para-phenylenediamine by drug stores in the city was not that substance at all or was so weakened in oxidizing power as to have become ineffective for the purpose intended.

No tartaric acid is being offered for shipment later than April, according to Dr. Albert Reimann, senior partner of Joh. A. Benckiser's Laboratories, Ludwigshafen on Rhine, who says: "We expect a better position for tartaric acid from our point of view owing to the complete consumption of the large quantities of acid that were shipped from Italy during the early part of the Ruhr occupation. Some difficulty is being encountered in keeping the present production up to normal."

Pitman-Moore Co., Indianapolis, Ind., manufacturer of pharmaceutical products, announces that ground has been broken for a three-story \$250,000 building, which will be located at Madison ave. and Morris st. Under present plans, two additional buildings, will be erected on either side of the new structure, in about three years.

The Crude Drug Market

Current Spot Quotations of Crude Drugs, page 1129

CRUDE DRUGS IN KEEN COMPETITION

Changes Few—Spot Scarcities Developing—Celery Seed Lower—Japan Wax Scarce—Cascara Sagrada Higher—Buchu Leaves Quoted Over Wide Range—Spanish Saffron at \$38lb. Spot

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Buchu Leaves, 2c lb.	Japan Wax, 2c lb.	Agaric, White, \$1.00 lb.	Cohosh Root, Blue, 1c lb.
Cascara Sagrada, 4c lb.	Saffron Flowers, Span., \$4.00 lb.	Arrowroot, St. Vincent, Pd., ½c lb.	Elder Flowers, 3c lb.
		Celery Seed, 2c lb.	Malva Flowers, 5c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Aconite Root, U.S.P.	\$.41	\$.44	\$.47	\$.35	\$.90	\$.12
Buchu Leaves, Short .....	.78	.76	.78	.90	4.00	.85
Cantharides, Russian .....	.90	.90	1.10	1.75	9.00	2.10
Cocculus Indicus .....	.03½	.03½	.03½	.03½	.85	.03
Ergot, Spanish .....	.33	.33	.35	.32	4.50	.54
Insect Powder, pure .....	.63	.63	.65	.70	1.00	.28
Ipecac, Cartagena, powd.	2.10	2.10	2.10	2.10	4.50	1.35
Nux Vomica .....	.06	.05	.05	.06½	.14½	.07
Opium, gum	9.00	9.00	9.00	6.75	20.00	5.00
Rhubarb Root, H. D. ....	.32	.32	.31	.40	1.75	.15
Tragacanth, No. 1, ribbon.	1.25	1.25	1.30	1.70	6.00	1.50
Wild Cherry Bk., thin nat. ....	.11	.11	.13	.09	.31	.07
Average	1.35	1.35	1.37	1.29	5.28	1.00

The exact situation in the crude drug market has been difficult to ascertain owing the small number of changes noted during the past week. Most of the interest is being shown in the convention that is taking place this week in New York, leaving little time to devote to the selling of botanicals. The little inquiry received has found a few items in small supply on spot with the result that prices were advanced sharply in Spanish saffron, cascara sagrada, and Japan wax. This new situation is not unusual, however, owing to the high replacement costs that have prevailed in these items for the past two months. The balance of the list is reported in ample supply for present needs, and recessions from present quotations are likely as new crops become available. Europe is absorbing larger quantities of spices and botanicals, and from present reports buyers on the Continent appear to be outbidding American importers for many products coming out of the Orient.

Aconite Leaves—Market is quiet and little interest is being shown in this item at the moment. Holders quote 12c@14c lb. spot. Root, 44c@45c lb.

Agar Agar—Spot demand small at \$1.45@1.50 lb. for No. 1 Kobe, No. 2 at \$1.42 lb., and No. 3 at \$1.38 lb. Shipment of Kobe material is slightly higher at \$1.00 lb. c.i.f. New York for No. 1, and 96c lb. for No. 2. Yokohama No. 1 is quoted at 96c lb. c.i.f. New York.

Aloes—Curacao in good supply at 10c@11c lb. spot with tendency to easier figures. Cape, 8½c@9c lb.

Anise Seed—Spanish quoted at 14½c@15½c lb. spot as to seller and quantity. Some holders are naming as high as 17c lb.

Arabic Gum—Amber sorts firm at 14c@14½c lb. spot as to quantity.

Arrowroot—St. Vincent has declined and now quoted at 14½c@15c lb. spot for powdered material.

Balm Gilead Buds—Supplies ample and demand routine at 45c@50c lb. spot.

Balsams—Fir Oregon is easy and holders name \$1.35 @ \$1.40 gal. as to seller with possibility of shading these figures on firm business. Reports from Coast state that supplies are plentiful and little buying is going on at the moment. Peru in good supply at \$1.85@1.95 lb. spot. Tolu, \$1.50@1.70 lb.

Belladonna Leaves—While price of 28c@30c lb. spot remains firm, present consumption is small and no change is looked for in the near future. Root, 12c@12½c lb.

Blackhaw Bark—Quiet at 38c@40c lb. spot for root, and 22c@24c lb. for tree.

Buchu Leaves—Has advanced and now quoted at 78c@85c lb. spot in bales as to seller, and 86c@93c lb. for less. Shipment is named at 2s. 11d. per pound c.i.f. figured on Cape Town exchange. A small odd lot is quoted at 68c lb. spot, but contains about 30 per cent stems, against a U.S.P. test of 5 per cent. A sale was made some time ago at 78c lb. in a big way.

Canary Seed—Firm at 7c@7½c lb. spot for South American material.

Caraway Seed—Dutch appears to be easier in the primary market. Although spot is unchanged at 25½c @26c lb., these figures no doubt could be shaded on a firm offer. African, 24c@25c lb.

Cardamom Seed—Bleached quiet at \$1.60@2.00 lb. spot, and decorticated at \$1.50@1.60 lb.

Cascara Amarga—Genuine named at \$1.25@1.35 lb. spot with the "so called" at 25c@27c lb.

Cascara Sagrada—Market has been active during the past week and now best prices obtainable are 33c@35c lb. spot for old peel, and 34c@36c lb. for new bark. Export demand to England has taken some large quantities off the market, according to reports.

Celery Seed—Lower on spot owing to keen competition at 32c@34c lb. No additional information has been heard in regard to the new export duty out of France.

Chamomile Flowers—This item appears to be about the weakest spot in the crude drug market. Roman quoted at 75c@80c lb., and Hungarian at 7½c@8c lb.

Clover Tops—Quiet and routine only at 25c@27c lb. spot.

Cloves—Zanzibar are in good supply on spot at 29c @30c lb. as to quantity. Stocks of good quality are said to be scarce. During past week 1765 bales were entered at New York.

Cohosh Root—Blue has declined and now offered at 13c@14c lb. spot, and black also easier at 10c@11c lb. Offerings from country on increase is said to be the cause of the easier figures on spot.

Dandelion Root—Market quiet, and from present indications the price of 37c@39c lb. ½ spot is the top of the movement.

Elder Flowers—Have declined and now quoted at 11c@12c lb. spot owing to easier shipment figures and slight accumulation of spot stocks.

Ergot—Heavy supplies on spot are tending to keep prices down to 33c@35c lb. Replacements are considerably higher than values here.

Gentian Root—During the past week a car load was taken out of the market, leaving little stocks available at the moment. The price, however, is unchanged at

8½c@9c lb. spot with shipment named at 8½c lb. c.i.f. New York. Reports are heard that some short sales were recently made.

Henbane Leaves—Easy at 32c@35c lb. spot as to seller and quantity.

Insect Powder—Market quoted at 63c@65c lb. spot as to seller. Reports were heard that Japan produced 2,000 tons during the past year, of which 800 tons were exported and 900 tons were kept for domestic consumption. The annual average Japanese consumption for the past ten years is 650 tons, which leaves about 250 tons still available for export.

Ipecac Root—Rio quoted steady at \$1.80@\$1.90 lb. spot for whole, and \$2.10@\$2.20 lb. for powdered.

Japan Wax—Supplies on spot are scarce and now holders name 25c@27c lb. as a minimum. Late reports state that April-May shipment is now unobtainable.

Larkspur Seed—Spot easy at \$1.15@\$1.30 lb. as to seller.

Malva Flowers—Black has declined and now quoted at 55c@60c lb. spot, and blue at 26c@28c lb.

Musk Root—New supplies available at \$4.25 lb. spot in limited way only.

Rhubarb Root—Market firm at 32c@34c lb. spot with replacements still above values here.

Saffron Flowers—Spanish has advanced and now quoted at \$38@\$39 lb. spot as to quantity. Goods afloat offered at \$36.50@\$37.50 lb. c.i.f. Shipment prices still advancing. American, 80c@82c lb.

Sarsaparilla Root—Mexican easy at 22c@24c lb. spot, and Honduras at 61c@65c lb.

B. J. Gogarty who has been connected with the botanical drug trade for the last seven years, has joined the sales staff of S. B. Penick & Co., New York drug importers and millers, and will cover the Metropolitan District.

The steamship Saint Dunstan arrived at Seattle, recently, with 100 cases camphor for E. J. Barry Co.; 100 cases for National City Bank; and 10 bales agar agar for L. & R. Mellon.

Boots Pure Drug Co., Nottingham, England, will close down the factory on June 21, in order that 5,000 workers may attend the British Empire Exhibition to be held in London.

Camphor has been cut sharply by American refiners in competition with imported material, and is now quoted as follows: Bulk, 88c lb.; blocks, 89¼c lb.; and squares 89¾c lb.

Synthetic cocaine manufactured by German firms will increase the difficulty of regulating narcotic evils, according to opinions of experts attached to the League of Nations.

The steamship President Grant, which arrived at Seattle, March 24, carried 142 bales of insect flowers for Alfred Joenssen & Co. and 6 bales agar agar to order.

Davis Brothers, Denver wholesale druggists, were hosts to about 150 retailers from various Colorado cities at a recent banquet in Denver.

Edward Plaut, vice president of Lehn & Fink, New York, sailed last Saturday on the Belgenland for a business trip abroad.

George E. Reichenback, of H. R. Lathrop & Co., New York, has returned from a trip to the Chicago office.

The Editor's Correspondence

Anderson-Hillier Plans

Editor, DRUG & CHEMICAL MARKETS:

We were very much surprised to read the article appearing on page 1021 of your issue of April 2nd headed "Anderson-Hillier Co. Dissolved". This article contains such a mis-statement of fact that we must insist on your publishing in your next issue, a full retraction of same and an admission that the article was written without authority or knowledge of the facts. The erroneous impression broadcast by you in this article is a matter of serious concern to both of us and we must ask you to take all steps in your power to correct same.

The separation of the Anderson and Hillier interests has been on an entirely friendly and amicable basis, each desiring to operate under its own name along lines previous to their consolidation. The Anderson-Hillier Co., Inc. has not been dissolved but will continue its corporate existence, changing its name to P. E. Anderson & Co., Inc. in due course.

ANDERSON-HILLIER CO. INC.,
By P. E. Anderson, Pres.
R. HILLIER'S SON CO., INC.
By Isaac V. S. Hillier, Pres.

New York, April 4, 1924.

CRUDE OPIUM RESTRICTION FAVORED

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., April 9.—At the hearing last week by the Ways and Means Committee of the House on the Porter bill to prohibit the importation of crude opium for the purpose of manufacturing heroin, no opposition to the bill developed. Surgeon General Rupert Blue, of the United States Public Health Service; Dr. Amos O. Squires, chief physician at Sing Sing prison; and Dr. Charles W. Richardson, of Washington, on behalf of the American Medical Association, appeared in favor of the bill.

The committee reported the bill favorably on Monday.

BERINGER TO GET REMINGTON MEDAL

George M. Beringer, Camden, N. J., who will receive the fifth award of the Remington Honor Medal for meritorious service to American pharmacy, is to be the guest of honor at a testimonial dinner at the Robert Treat Hotel, Newark, N. J., on April 14. The dinner is being tendered by the New York Branch, American Pharmaceutical Association which will present the medal at the dinner. Robert P. Fischelis is chairman of the arrangements committee. Reservations should be sent to him at 509 High st., Newark.

A small parcel of musk root has been acquired by S. P. Penick & Co. New York, who state that this supply is the first to arrive in the spot market for a year and a half. Considerable difficulty was met in obtaining the root owing to its being controlled by the Soviet Government.

W. R. Rowland, formerly of the firm of Nickells-Rowland Co., New York, has opened an office at 313 Pearl st. Samuel Nickells will continue the Nickells-Rowland Company.

The steamship President Grant, which arrived at Seattle, March 24, carried 20 cases menthol for Geo. S. Bush & Co., forwarding agents; 10 cases for A. G. Cailler; 25 cases for S. W. Bridges & Co.; and 25 cases for Sinclair & Guest.

The Essential Oil Market

Current Spot Quotations of Essential Oils, 1133; Aromatic Chemicals 1134

OIL LEMON SLIGHTLY EASIER ON SPOT

Owing to Recent Arrivals—Redistilled Oil Cassia Lower
—Oil Anise Again Higher—Oil Citronella Firm and
Active—Oil Peppermint Closely Held—Oil Wormseed
Easier—Firm Undertone to Market

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Oil Almond, Sweet, 10c lb.	Oil Citronella, Schimmel, 2c lb.
Oil Bergamot, Coppers, 5c lb.	Pure, 10½c lb.
Oil Spearmint, 15c lb.	Musk Xylene, 15c lb.
Declined	
Oil Caraway, 5c lb.	Oil Eucalyptus, 3c lb.
Oil Cassia, Redistilled, 5c lb.	Oil Hemlock, 10c lb.
Oil Cinnamon Leaf, 25c lb.	Oil Lemon, Italian, 2c lb.
	Oil Wormseed, 25c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Oil Bergamot	\$3.40	\$3.40	\$3.00	\$2.50	\$7.00	\$5.00
Oil Citronella, Ceylon	.82	.80	.80	.71	.92	.60
Oil Cloves	2.10	2.10	2.30	1.75	3.70	1.40
Oil Lemon, Italian	.83	.85	.80	.70	1.70	2.00
Oil Peppermint, Nat.	4.00	4.00	3.80	2.75	9.00	2.25
Oil Sandalwood, E. I.	6.70	6.70	6.75	7.85	13.00	5.25
Oil Sassafras, Artif.	.36	.36	.37	.42	1.00	.26
Benzaldehyde, U.S.P.	1.50	1.50	1.50	1.40	5.15	1.50
Coumarin	3.85	3.85	3.85	4.50	31.00	3.10
Methyl Salicylate, Cans.	.47	.47	.47	.62	1.00	.90
Vanillin	.54½	.54½	.54½	.40	.95	.20
Average	2.21	2.21	2.17	2.03	6.83	2.05

Practically all of the recent arrivals of Messina essences, with the exception of oil lemon, have passed directly into consumption, leaving little supplies of oils bergamot and orange to take care of future needs. Importers here are hesitating in placing orders for flower products in France owing to the rapid rise in exchange, for they fear a drop might happen as sudden as the rise. The high prices generally quoted for essential oils have resulted in smaller buying. Reports are heard that the temptation has been to repack the original containers, and offer these goods in competition with the pure oils at much reduced prices. Consumers, on the other hand, are usually good judges of quality, and in about ninety-five per cent of the cases, they take the high priced article. Essential oil business in Boston is quiet and round lot sales are few, according to first hand information.

Essential Oils

Oil Almond—Sweet has advanced and now quoted at 45c@50c lb. spot owing to higher shipment prices from France. Bitter is unchanged and holders name \$3.25@ \$3.75 lb. spot for U.S.P., and \$3.50@ \$3.75 lb. for fIPA goods.

Oil Anise—Market is firmer and little goods offered for shipment at 56c lb. c.i.f. New York. Spot is firm at 50c@55c lb. for U.S.P. material with some holders naming as high as 55c lb. One factor stated that the Chinese have at last stopped producing this item after four years of low prices. The higher market will probably allow them to again manufacture at a profit.

Oil Bay—Little business being transacted at the moment at \$2.50@ \$2.60 lb. spot. Last week saw 5 cases imported at New York.

Oil Bergamot—Coppers have advanced again and now named at \$3.35@ \$3.50 lb. spot owing to scarcity. Reports are heard that practically all of the recent imports have passed into consumption, and that still higher prices are expected. During past week 50 cases were imported at New York.

Oil Bois de Rose—Offered in limited quantities only at \$4.00@ \$4.50 lb. spot as to holder. Replacements held at \$4.60 lb. laid down in New York.

Oil Camphor—Japanese is unchanged and quiet at 13½c@15c lb. spot in cases, and 13c@15c lb. in drums.

Oil Caraway—Has declined and now holders name \$8.20@ \$8.35 lb. spot with tendency to lower figures owing to easier shipment prices. The recent interest in this item appears to have subsided.

Oil Cassia—Shipment has eased off to \$1.65 lb. c.i.f. New York. In fact, quotations vary from \$1.65 lb. to \$1.94 lb. as to seller. Stocks in Hongkong shift so rapidly as to cause varying prices. Redistilled lower at \$2.45 @ \$2.55 lb. spot, and natural at \$1.85@ \$2.00 lb.

Oil Cinnamon Leaf—Easier at \$1.50@ \$1.75 lb. spot as to quantity, and Ceylon at \$1.10@ \$1.25 lb.

Oil Citronella—Schimmel tested has advanced and now quoted at 82c@85c lb. spot in drums, and pure is also sharply up at 97½c@ \$1.00 lb. in drums. During past week 34 drums were imported at New York, but this arrival is supposed to be against contract delivery. Java is firm and holders are inside at \$1.15@ \$1.20 lb. spot in drums, and \$1.20@ \$1.25 lb. in tins.

Oil Cloves—Easy at \$2.10@ \$2.20 lb. spot in cans with possibility of shading these figures on firm business.

Oil Cubebs—Little interest at the moment at \$5.25@ \$5.50 lb. spot.

Oil Eucalyptus—Has declined and now quoted at 62c lb. spot in drums, and 65c@67½c lb. in cases owing to accumulation of supplies on spot.

Oil Geranium—Any increase in activity on Bourbon will undoubtedly advance the present price of \$6.25 @ \$6.75 lb. spot. Algerian, \$7.00@ \$7.25 lb.

Oil Hemlock—Market has eased off and now 50 lb. cans are obtainable at \$1.00@ \$1.10 lb. spot.

Oil Lavender—U.S.P. in good supply at \$4.50@ \$6.00 lb. as to quality.

Oil Lemon—Italian is in better supply, resulting in slightly easier market at 83c@95c lb. spot as to seller and quantity. Some sales in a big way were made last week at 80c lb. During past week 690 cases were imported at New York. Shipment prices remain high, and buying between shippers is active. American, 75c@ 80c lb.

Oil Linaloe—Mexican quoted in small quantities only at \$3.50@ \$3.75 lb. spot.

Oil Nutmeg—Firm and active at \$1.25@ \$1.35 lb. spot.

Oil Orange—Italian is firm at \$3.30@ \$3.50 lb. spot with tendency to scarcity, since most of the recent arrivals are already off the market. During past week 140 cases were imported at New York. West Indian steady at \$2.60@ \$2.70 lb. spot. Last week saw 60 cases entered at New York. American, \$3.00@ \$3.10 lb.

Oil Peppermint—Spot higher at \$4.35@ \$4.50 for redistilled, and \$4.15@ \$4.25 lb. for natural with tendency to scarcity both on spot and in the country.

Oil Petit Grain—South American named higher at \$1.80@ \$1.95 lb. spot, and Italian at \$2.15@ \$2.25 lb.

Oil Sandalwood—While good quality is inside at \$6.70 @ \$6.80 lb. spot, some holders are offering goods as low as \$6.60 lb.

Oil Spearmint—Has advanced sharply during the week

and now quoted at \$2.55@2.65lb. spot due to higher shipment figures.

Oil Wormseed—Lower in quiet market at \$6.25@6.50 lb. spot with shipment from country at \$6.00lb. Little interest is being shown at the moment.

Balsams

Peru—Demand routine and supplies ample for all needs at \$1.85@1.95lb. spot.

Tolu—In good supply at \$1.50@1.70lb. spot.

Vanilla Beans

Bourbon—Steady at \$10.00@11.00lb. spot. During past week 296 cases were imported at New York.

Mexican—Supplies scarce with tendency for consumers of vanilla beans to use substitutes. Whole named at \$12.00@13.00lb., and cuts at \$10.00@10.50lb.

Aromatic Chemicals

Benzyl Alcohol—Lower at \$1.45@1.55lb. spot.

Bornyl Acetate—Quoted higher at \$3.00@3.50lb. as to quantity.

Coumarin—Makers are firm and report active demand at \$3.85@4.10lb. spot, and resales at \$3.80lb.

Methyl Anthranilate—Domestic lower at \$2.75@3.25 lb. spot, and imported quoted at \$4.50@5.00lb.

Musk Ketone—In small supply at \$20.00@22.00lb. spot.

Musk Xylene—Higher at \$4.40@4.60lb. spot. Demand active.

Vanillin—Active and firm at 54½c@56c oz. by first hands, and 48c oz. from resale quarters.

The Tin Market

Tin—Has advanced during the past week and now quoted at 52½clb. spot for Straits, 52clb. for standard, and 51½clb. for 99 per cent goods.

SHIPPING OILS DIRECT TO NEW YORK

Exports of essential and distilled oils from Seville, Spain, for the years 1922 and 1923 are shown in the following table prepared by Consul William C. Burdett:

	1922		1923	
	Pounds	Value	Pounds	Value
Lavender	—	—	3,196	\$2,061
Geranium	—	—	132	1,445
Neroli	—	—	79	2,132
Origanum	—	—	4,482	6,078
Pennyroyal	—	—	1,807	1,347
Rosemary	118	\$37	1,160	984
Thyme	14,567	24,572	20,632	28,095

The shipments of essential and distilled oils from Seville represent certain lots that are usually shipped to France and thence re-exported. In the present cases they were shipped direct to New York for use by drug and perfumery manufacturers. The neroli oil is oil of orange flowers and spike oil is included in the statistics for oil of lavender.

Essential oils are quiet and price changes are unimportant, according to the "London Chemist and Druggist," which says: "Star anise oil is dearer and c.i.f. quotations are again coming forward. Lemon and Sicilian orange oils are dearer. Bourbon geranium is firmer on spot. Ceylon citronella is dull and easier. Java, however, remains firm."

A Maryland measure to which drug and allied interests were opposed was put to death last week, when the House Judiciary Committee decided to shelve the bill introduced by Delegate Callan, that would have limited the alcoholic content of flavoring extracts to 10 per cent.

SICILIAN ESSENCES ARE ACTIVE

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Catania, Sicily, March 24.—The demand for essential oils continues active, being greatly assisted through the high value of the dollar, that has reached 24 lire, and of the pound sterling which is worth today 101 lire. With France, better business is possible through the much higher value of the franc, 100 francs being equal to 128 lire. Germany is also on the market, paying in gold marks, in renten marks or in lire. Buyers from continental Italy often find it difficult to pay the higher prices quoted; some still purchase however, hoping to dispose of the oils later at convenient prices.

Some of the advances in price are as follows per Sicilian pound, in comparison with the prices quoted a week ago:

	Lire	Lire
Lemon juice	7.70-8.20	8.20-8.50
Sweet orange	33.50-34.50	34.00-35.00
Bitter orange	36.00-36.50	34.00-35.00
Mandarine	84.00-85.00	84.00-85.00
Bergamot oil	48.00-49.00	50.00-51.00

The price of lemon juice, both of old and new production, continued to advance owing principally to the very strong demand from the United States, England, France, Germany, and from other northern countries. Stocks are not very abundant.

COLGATE MANAGERS MEET AT PLANT

Colgate & Co. are holding the annual convention of territorial managers, this week, at the Jersey City plant. The managers in attendance are L. E. Martiny, New Orleans; W. B. Palmore, San Francisco; Miss B. B. Evans, Los Angeles; W. H. Hatfield, Chicago; J. C. Ackerman, Pittsburgh; L. T. McLelland, New York city; H. C. Anderson, Atlanta; B. H. McClurg, Syracuse and Rochester; H. C. Haviland, Philadelphia; W. B. Campbell, Denver; Scott Cunningham, Virginia; R. M. Dunn, Alabama; E. M. Du Val, Baltimore; F. D. Eagle, South Carolina; L. R. Puff, Texas; F. M. Shoemaker, Cincinnati, and G. A. Spalding, St. Louis.

A test case will be made by flavoring extract manufacturers of the Prohibition law enacted at the last session of the West Virginia legislature, under which manufacturers and wholesalers located outside the State are required to take out permits and pay a fee of \$50 to do business in the State. Competent counsel have been consulted and have expressed the opinion that the interpretation placed upon the statute by the prohibition commissioner and concurred in by the Attorney General of the State will not be upheld by the courts.

Southern Aromatic Co. was recently organized at Brunswick, Ga., to manufacture essential oils for use in the perfumery industry. Pine oil will form the base raw material. A warehouse has been leased at the Atlanta, Birmingham & Atlantic terminal, and plant construction will begin at once, it is understood. The company will be headed by Robert L. and Paul Jeanard and W. H. Plane, who have had considerable experience along this line in France.

Menthol made from American peppermint oil is being offered on spot at \$12.00 to \$12.25 per pound in competition with the Japanese product, which is named at \$13.50 per pound up as to seller.

Oil cinnamon leaf containers should be made of glass, tin, or aluminum, according to experiments which were carried on in the Far East.

The Foreign Markets

Imports of Drugs and Chemicals, page 1137

ENGLISH MAKERS ADVANCE MERCURIALS

**Quicksilver Also Scores Further Advance in London—
Greater Activity in Chemical and Drug Buying—Oil
Peppermint Up—Cod Liver Oil and Morphine Lower**

(Special Cable to DRUG & CHEMICAL MARKETS)

London, Apr. 9.—The expected advance in mercurials has been made by English manufacturers. Calomel is named at 4s 3d, and sublimate at 3s 4d. Another upward move has been made in quicksilver. American peppermint oil is higher, as is star anise oil. Greater activity in chemical and drug buying is noted here.

Bromides, citric acid, acetphenetidin, and phenazone are firmer. An easier tendency is noted in opium, acid acetic, Japanese mint oil, eucalyptus oil, and cream tar. Cod liver oil is lower. Morphine and codeine salts have been reduced. Linseed oil is lower.

London, March 29. (By Mail).—The sudden appreciation of the Franc from 120 to 83 to the pound sterling has upset trade with France. Leading French business firms have petitioned their Government to discontinue for the present the purchases of Francs since the resulting rapid rise in their value is creating commercial chaos at home.

Changes in the London market are as follows:—The fresh arrivals of cascara from the Pacific coast have not relieved the market to any extent and the price continues to soar. The matured bark is fetching 165s which is still below the parity of the most recent direct forward offers.

Cardamoms, although used to only a small extent in this country, are meeting with a very brisk demand and at auction are fetching much higher prices. The purchases are evidently intended for re-export. Good bold bleached Mysore realized 8s8d per lb down to 7s6d, 6c6d and 6s per lb for medium and small grades.

Sicilian Essential Oils are dearer, lemon fetching 3s to 3s3d per lb and orange from 12s6d to 13s, as to brand.

Codliver oil.—Latest advices from the Lofoten districts show a substantial reduction in yield over last year. The present yield being 29,000 hectolitres against 39,000 hectolitres. Finest non-freezing offers are made at 110s c.i.f. English ports.

Mercury has been a somewhat exciting market with a further advance to £11 10s. The reason is said to be that the producing markets have disposed of their available margin of output.

CHILE INCREASES NITRATE OUTPUT

Sodium nitrate production in Chile in 1923 increased to 19,035,271 metric quintals (1 quintal equals 220.46 pounds) from 10,717,973 in 1922, according to the Department of Commerce. Exports and Chilean consumption in 1923 totaled 22,639,145 quintals of which 12,030,681 went to Europe, 9,036,993 to United States and 1,503,894 to other countries. These figures compared with exports in 1922 of 13,072,105 quintals, of which Europe took 6,026,766, United States, 5,815,088, and other countries 1,230,251. Stocks on the Coast at the end of 1923 were approximately 8,680,000 metric quintals compared with 12,324,000 at the end of 1922. The export tax on nitrate brought a revenue of 75,813,083 Chilean gold pesos (gold peso equals about \$0.365) to the Chilean Government in 1923.

FOREIGN EXCHANGE

	Par	Current
Great Britain (pound sterling)	\$4.866	\$4.305
France (franc)	193	.057
Italy (lira)	193	.043
Germany (mark) per hundred	23.80	
Czechoslovakia (crown) per hundred	20.30	2.97
Poland (mark) per hundred	23.80	.00201
Japan (yen)	.499	.421
Holland (guilder)	.402	.371
Spain (peseta)	193	.133
Belgium (franc)	193	.048
Switzerland (franc)	193	.173
Norway (krone)	268	.187
Sweden (krone)	268	.264
Denmark (krone)	268	.164
Argentina (peso)	424	.333
Brazil (milreis)	324	.112
China (Silver dollar—Hongkong)	.789	.508
(Tael—Shanghai, silver)	1.082	.695
(Tael—Peking, silver)	1.156	.735

RISING FRANC BRINGS CHEMICAL LOSSES

**Manufacturers Receive Heavy Cancellations From
Abroad—Paint Products In Demand**

(Special Cable to DRUG & CHEMICAL MARKETS)

Paris, April 9.—The French chemical market is feeling the effects of the rapid rise in the value of the franc, and business is extremely restricted. Chemical manufacturers have received heavy cancellations of orders from abroad owing to the impossibility of taking delivery at present exchange rates, while a number of manufacturers who had sold goods in foreign currency have been obliged to cancel their contracts as their prices, expressed in francs today, are far below market values. The reaction of the franc, although beneficial to certain speculators, is disorganizing business as a whole, and export trade is the first to suffer.

Prior to the rise in French exchange, there was a rush among foreign buyers to profit by the comparatively low prices quoted in the French chemical market, and large deals were concluded which should bring enormous profits to those lucky enough to get in at the franc's lowest point, but, on the other hand many French manufacturers bought raw materials at the same moment, and their industries are thus heavily handicapped for some time to come.

Among the chemicals used in the glass industry sulfate of soda showed a strong tendency rising two francs per 100 kilograms (220.46 pounds) to francs 31, while in the tanning industry bichromates reacted heavily on the fall in exchange which affects the metals used in their production. Dyestuffs still remain at a high level, yellow prussiate of potash being quoted francs 8.50 per kilogram (2.2046 pounds) and yellow prussiate of soda at francs 5.50. Products for the paint trade are still in active demand, particularly lithopone, for which the French market should offer an outlet for the American product. The latest quotation is francs 180 per 100 kilograms (220.46 pounds) or slightly over four cents per pound.

Large shipments of drugs and chemicals are arriving at Bogota, Colombia, through a direct line of German steamers from Hamburg, according to the "Boston Evening Transcript." This is greatly affecting the American trade inasmuch as the market is passing into the control of German exporters on a basis of 33 per cent lower prices. German chemical and drug agents are selling direct to the trade in any amount.

ITALY TAKES MORE HEAVY CHEMICALS

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Milan, Italy, March 29.—The demand for heavy chemicals has greatly increased through the greater activity of industry. The fall and rapid recovery of the franc did not bring much difference in prices, although it caused a momentary suspension of orders on the Marseilles market, to the benefit of American, English, and German exporters. Quotations per 100 kilos are: Hydrochloric acid, 20 degrees Baume, 17 to 20 lire; nitric acid 36 degrees Baume 140 to 150 lire; nitric acid, 40 degrees Baume 170 to 180 lire; sulfuric acid, 66 degrees Baume, 43 to 46 lire; sulfuric acid, 50 degrees Baume, 19 to 21 lire; chloride of lime (Bleach) 90 to 110 lire; calcium chloride 65 to 70 lire; caustic soda 165 to 190 lire; soda ash 61 to 66 lire; ammonium sulfate 148 to 152 lire; sodium silicate 65 to 125 lire; magnesium chloride 70 to 80 lire; potassium chloride 70 to 73 lire; sodium nitrate 135 to 138 lire; magnesium sulfate 55 to 56 lire; copper sulfate, 98 per cent, 208 to 220 lire.

Rome, March 29.—Quotations for chemicals are as follows per 100 kilos: Bichromate of potash, lire 660 to 800; refined borax, lire 410 to 440; hydrochlorite of lime, lire 100 to 105; English chloride of ammonia, lire 350 to 450; soda, crystals, lire 50 to 55; soda ash, lire 80 to 90; caustic soda, lire 185 to 220; sulfate of copper, lire 240 to 245; sulfate of iron, lire 60 to 70; sulfate of magnesia lire 70 to 80.

Foreign Trade Opportunities

The Department of Commerce, Washington, D. C., has received the following inquiries for drugs, chemicals and accessories. Reserved addresses may be obtained from the Bureau and its district and cooperative offices. Request for each opportunity should be on a separate sheet and state opportunity number. The Bureau does not furnish credit ratings or assume responsibility as to the standing of foreign inquirers; the usual precautions should be taken in all cases.

Commodity	Number	City and Country	Purchase or Agency
Caustic soda	9513	Stettin, Germany	Purchase
Chemicals	9475	Lima, Peru	Agency
Coal tar products, naphthalene, and pitch	9476	Genoa, Italy	Agency
Fertilizers	9468	Havre, France	Purchase
Hematine crystals	9495	Berne, Switzerland	Purchase
Logwood or campeachy extracts	9495	Berne, Switzerland	Purchase
Oil, cedar leaf	9505	Montreal, Canada	Purchase
Rosin	9499	Cologne, Germany	Purchase
Rosin	9512	Cracow, Poland	Purchase
Rosin for the manufacture of paper and soap	9514	Turin, Italy	Purchase
Coal for industrial, gas, and house use	9467	Ghent, Belgium	Purchase
Coal, especially for gas	9476	Genoa, Italy	Agency
Adhesive plasters, absorbent cotton, sterilized gauze, catgut, etc.	9518	Southampton, England	Agency
Drugs, crude; and insecticides	9468	Havre, France	Purchase
Drugs and pharmaceutical specialties	9475	Lima, Peru	Agency
Perfumery and toilet articles	9487	Cienfuegos, Cuba	Agency
Acetic acid, sulfuric acid, etc.	9576	Bourgas, Bulgaria	Purchase
Bichromate of soda and potash	9596	Copenhagen, Denmark	Purchase
Chemicals and waxes	9630	London, England	Purchase
Ferro-cerium in levigated form	9505	Goteborg, Sweden	Purchase
Fertilizers	9591	Canton, China	Purchase
Fertilizers	9592	Malaga, Spain	Agency
Nitrate of soda and heavy chemicals	9592	Malaga, Spain	Agency
Oils, essential	9620	London, England	Purchase
Oils, essential, for manufacture of perfumery	9593	Amsterdam, Netherlands	Agency
Paints and varnishes, rosin, and turpentine	9596	Copenhagen, Denmark	Purchase
Superphosphates in ship	9594	Goteborg, Sweden	Purchase
Ice lots	9617	Hongkong, China	Purchase
Sulfate of ammonia	9617	Hongkong, China	Purchase
Drugs, crude and refined; pharmaceuticals; and medicinal preparations	9620	London, England	Purchase

FINANCES HINDER GERMAN EXPORTS AND TEND TO ADVANCE CHEMICALS

Quick Turn-Over at Small Profit Necessary Owing to Shippers' Lack of Funds—Spot Chemicals Scarce in Hamburg—Exporters Trying to Regain Foreign Markets

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Hamburg, March 21.—Finances are hindering the export trade of both the small exporter and the big chemical producer in Germany to-day. Although the big organizations are trying hard to regain former export markets, lack of capital makes long term credits impossible. The greatest part of the German firms are returning to the old system, large sales and little profits. German banks are requiring of exporters about 3 to 5 per cent monthly interest, and so, sales are being made mostly on cash basis against bill ladings at Hamburg. Heavy competition has been met from French and Belgian makers owing to the inflation there, but this has stopped, and their prices now stand above the world's markets.

Stocks of chemicals in Hamburg for immediate export shipments are very scarce, as exporters cannot carry big stocks and keep finances liquid. Most orders are taking about three weeks to ship as goods must first be ordered and sent from inland works. Exporters are arranging contracts of long duration with works, and are often able to undersell makers owing to advantageous contracts.

The following prices rule in Hamburg, f.o.b. per kilo in dollars and cents:

Acetate lead white	\$.20	Chlorate soda	.10
Alum potash	.03½	Chrome alum	.11
Acid tartaric	.49	Cream tartar	.46
Arsenic white	.30	Formic acid 85%	.18
Arsenic red	.38	Hyposulfite of soda	.03¼
Aniline oil, 98-100%	.31	Lactic acid 43%	.15
Aniline Salt, 98-100%	.32	Lithopone 30%	.07½
Barium hydrate	.10	Montan wax	.13
Betanaphthol	.30	Naphthalene flakes	.06¼
Bichromate potash	.21	Oxalic acid	.14
Bichromate soda	.18	Phenol, cryst.	.34
Bisulfite soda, 58-60%	.08½	Sulfate copper	.00¾
Bioxalate potash	.27	Sulfide soda 60-62%	.05
Boracic acid	.21	Acid salicylic	.90
Carbonate ammonia	.12	Acetanilid	.75
Carbonate barium white	.04½	Antipyrine	3.50
Carbonate potash, 96-98%	.09¼	Amidopyrine	9.00
Carbonate potash 80-84%	.09¼	Bromide potash	.30
Caustic potash 88-92%	.14½	Caffeine alk.	6.50
Chloride barium white	.05½	Guaiacal carbon	4.90
Chloride ammonium white	.16½	Hexamethylenetetramine	1.30
Chloride ammonium white jumps	.10½	Hydrochinone	1.50
Chloride ammonium white cryst.	.10½	Permanganate potash	.23
Chlorate potash powd.	.10	Phenolphthalein	3.00
		Resorcin	2.50
		Salol	1.25

FRENCH FERTILIZER TRADE PARALYZED

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Paris, March 29.—The fluctuations of sterling exchange have put a stop to all transactions in fertilizer materials. Merchants who purchased nitrate of soda at the beginning of this year, however, or at the end of 1923, and recently found themselves unable to dispose of their purchases owing to the depreciation of the franc, are now, thanks to the rise in the value of French currency, able to dispose of their stocks at prices competitive with those for French production.

Deliveries during the current year have reached 43,510 tons against 52,000 tons in 1923, while imports amounted to only 13,110 tons against 22,400 tons and the stocks held in the country reached 123,600 tons against only 89,000 tons in 1923.

"Santoperonin," a substitute for santonin, is not regarded as a useful anthelmintic and does not possess the composition stated by the manufacturer, according to a report prepared by the State Institute for Pharmacotherapeutic Investigations, Leyden, Holland.

Large Gains in 1924 Chemical Exports

Colors, Dyestuffs and Stains Increased 37 Per Cent Over Exports in January-February, 1923—Essential Oils Show Advance of 87 Per Cent, Explosives 50 Per Cent and Medicinals 15 Per Cent—Declines in Exports Occurred in Naval Stores 20 Per Cent, Vegetable Dye Extracts 31 Per Cent, Sulfur 10 Per Cent, Perfumery and Cosmetics 3 Per Cent—February Shipments Abroad Exceeded January Trade in Many Products—Exports of Carbon and Lamp Blacks Nearly Doubled

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., April 9.—The January-February exports of chemicals and allied products advanced 3 per cent from an aggregate value of \$21,291,864 in the first two months of 1923 to \$21,962,042 in January-February of this year, indicating that foreign sales are holding their own, according to the Chemical Division, Department of Commerce. The report says:

Foreign trade in January, 1924, was slightly better than in February. Except for the 20 per cent decrease in naval stores, gums, and resins, no unusual incident interrupted the general trend that has been in evidence during the past year. Although some large increases in value were shown in the exports of some of the minor groups, such as 87 per cent for essential oils, and 50 per cent for explosives, the total values of these groups are small as related to the whole. The advances which were made in industrial chemicals, 2 per cent; coal-tar chemicals, 37 per cent; pigments, paints and varnishes, 18 per cent; medicinal and pharmaceutical products, 15 per cent; fertilizers and fertilizer materials, 5 per cent; explosives, 50 per cent; essential oils, 87 per cent, were offset by declines in naval stores, 20 per cent; vegetable dye extracts, 31 per cent; sulfur, 10 per cent; and perfumery and cosmetics, 3 per cent.

Colors, dyestuffs and stains represented an advance of 37 per cent from a valuation of \$775,513 (2,160,242 pounds) in January-February 1923, to \$1,066,442 (3,172,121 pounds) in January-February 1924. Half as much acetate of lime was shipped abroad in 1924 as in 1923. A study of the table will show the principal commodities which advanced or declined in the industrial chemical group.

After the large totals of 1923 certain pigments fell off an instance of which was red lead and litharge sales which dropped 61 per cent from \$90,940 (965,179 pounds) in the first two months of 1923 to \$34,480 (320,385 pounds) in the first two months of 1924. This drop,

however, was more than met by a rise of 91 per cent in demand for white and sublimed lead which grew from \$68,962 (833,693 pounds) in the two months of 1923 to \$131,730 (1,671,177 pounds) in 1924. Prepared paints including enamels, and stains, fell 4% in value, while varnishes rose 2%. Carbon and lamp blacks, which helped much towards the favorable progress of this group, more than doubled in shipments to foreign countries in 1924, having risen from 2,988,217 pounds valued at \$445,876 to 8,497,071 pounds, valued at \$859,646.

The 5 per cent gain in fertilizers and fertilizer materials exported may be attributed partly to the increased sales of sulfate of ammonia, superphosphates, land pebble and prepared fertilizer mixtures, while the large falling off in high grade hard rock had much to do with the lessening of the per cent of increase which otherwise would have been high. Japan purchased over two-fifths and Cuba and the Dutch East Indies each one-quarter of the total amounts of sulfate of ammonia shipped abroad.

Dynamite, the most important individual commodity included under the explosives group swelled 59 per cent from \$315,993 (2,031,466 pounds) in 1923 to \$502,736 (3,612,903 pounds) in 1924.

Although there was a reduction in the exports of perfumery and toilet waters, talcum and other toilet powders, and dentifrices during the two months of 1924 in each instance the February sale exceeded the January figures. Creams, rouges and cosmetics advanced from 408,568 pounds, valued at \$180,702, in the two months of 1923 to 427,760 pounds, valued at \$207,189 in 1924.

Foreign demand for both rosin and spirits of turpentine failed to reach the 1923 figures by 4 per cent for the former and 45 per cent for the latter.

Prairie Oils Ltd., has been organized in Canada, with Charles Miller, president, E. W. Backus, vice president; B. D. McCaul, secretary and T. W. Horne, treasurer, to manufacture carbon black from natural gas at High Prairie, Alberta, a permit for which has been obtained from the Dominion Government. The company is capitalized at \$200,000.

H. J. Rolls, Buffalo, industrial chemicals, has changed its name to Rolls Chemical Co., effective April 1. Howard B. Graves, formerly purchasing agent of Larn & Co., has become associated with the company.

EXPORTS OF CHEMICALS AND ALLIED PRODUCTS in JAN.-FEB. 1923 and 1924.

	Unit	Quantity	Value	Quantity	Value
		1923	1923	1924	1924
Coal tar chemicals			\$1,626,274		\$2,215,417
Industrial chemicals			4,339,837		4,440,117
Acids and anhydrides	lbs.	4,154,685	172,858	3,709,128	162,874
Aluminum sulfate	lbs.	8,553,879	76,068	4,899,214	63,314
Acetate of lime	lbs.	3,127,373	108,428	1,645,447	54,425
Bleaching powder	lbs.	7,993,170	137,846	4,119,405	70,003
Dextrine	lbs.	1,497,582	56,281	3,966,300	151,738
Formaldehyde	lbs.	230,142	38,073	727,150	83,241
Sodas and sodium compounds	lbs.	61,225,795	1,598,386	54,710,061	1,660,738
Caustic soda	lbs.	18,296,343	621,258	17,661,709	541,490
Explosives	lbs.	2,426,967	403,825	4,252,407	605,534
Fertilizers and fertilizer materials	tons	140,288	2,585,268	172,242	2,716,239
Ammonium sulfate	tons	20,689	1,846,140	25,224	1,568,810
Pigments, paints and varnishes			2,107,881		2,519,640
Vegetable dye extracts	lbs.	1,000,776	130,333	634,659	89,052
Crude drugs	lbs.	643,283	567,151	816,368	718,831
Ginseng		28,535	409,938	67,111	549,218
Medicinal and pharmaceutical products			2,684,745		2,723,968
Essential oils	lbs.	70,001	104,818	190,309	195,657
Naval Stores, gums and resins	bbbls.		3,740,732		2,970,078
Rosin	bbbls.	197,840	1,897,468	208,008	1,803,285
Spirits of turpentine	gals.	1,134,646	1,614,661	904,345	881,271
Perfumery and toilet preparations	lbs.	2,008,762	1,077,019	1,578,738	1,042,761

Chemicals for Consuming Industries

Heavy Chemicals, page 1108; Tan and Dyestuff, page 1128; Fatty Oils, 1127

DULL CHEMICAL MARKET FAVORS BUYERS

Holders Weaken As Movement of Goods Keeps to a Minimum—Shortage of Imported Chemicals Fails to Strengthen Prices As Expected—Price Trend of Week Has Been Down

Chemical holders who have been maintaining prices for some weeks past in the face of small demand, show signs of weakening in their stand. Many are tired holding their goods and are shading prices in attempts to move stocks. As is always the case, no larger movement of goods is taking place at the lower figures. The extreme dullness in demand continues to exert a strong influence in favor of chemical buyers. With prices of many items low and others moving to the benefit of consumers, the latter show little or no interest in offer. Their biggest problems are to move finished materials which are on hand, and to hold production down. Interest in new raw material supplies is naturally at low ebb. A shortage of imported chemicals here, due to the recent dock strike in Hamburg, has failed to strengthen prices as expected, and the trend of the week has been downward.

Agricultural Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid Sulfuric, 66°.....ton	\$14.00	\$14.00	\$14.00	\$15.00	\$55.00	\$20.00
Ammonium Sulfate, 100 lbs.	2.90	2.90	2.90	3.50	7.75	2.65
Arsenic.....lb.	.11	.11 1/4	.11 1/2	.13 1/2	.18	.04
Copper Sulfate.....100 lbs.	4.90	4.90	4.90	6.40	20.00	4.50
Paris Green.....lb.	.30	.30	.30	.29	.50	.11
Potash Murate, 80°.....ton	34.55	34.55	34.55	35.55	475.00	39.57
Potash Sulfate, 90°.....ton	45.85	45.85	45.85	45.67	440.00	48.07
Phosphate Rock, 68°.....ton	2.25	2.25	2.25	3.00	11.00	3.60
Phosphate, Acid, 16°.....ton	7.50	7.50	7.50	10.00	21.00	15.00
Sodium Nitrate.....100 lbs.	2.55	2.52	2.52	2.62	5.00	1.90
Average.....	11.490	11.488	11.488	12.218	103.54	13.484

Dullness continues to be the key note in agricultural and insecticide trade circles. The bulk of the buying for the season is apparently over and the volume has been far from satisfactory from the point of view of the sellers. While consumption of fertilizers for the season compares favorably with that of last year, it is far from normal and this accounts to large extent for the surplus of stocks available this year. Then, too, instead of a curtailment production to meet the demand, there has actually been an increased production in some lines which has resulted in keen competition among producers and the ultimate cutting of prices. The nitrate situation is fairly firm owing to limited supplies on spot and slow arrival of shipments. Ammoniates, including tankage and cyanamide, have eased off still further. Calcium arsenate and arsenic are enjoying little activity, particularly at a time when there should be considerable interest in these items. Some buyers are paying little attention to contracts placed early in the year and sellers are wondering what the situation will develop into.

Fertilizers

Ammonium Sulfate—The market is showing signs of weakening with prices none too firm at the recent levels. Demand continues spasmodic with most of the

field covered for the present season. Additional sources of supply have produced a surplus of stocks. Steel mills are operating at capacity while the sulfate produced at the plant of a large automobile maker is also in the market at low prices. Present quotations range from \$2.85@ \$3.00 in bulk at works; single bags \$3.15; for export \$2.80@ \$2.90 f.a.s.

Ammoniates—Tankage continues to ease off and prices at Chicago and New York are 25c lower with Chicago, \$2.25 & 10 and New York, \$2.50 & 10. Fish scrap is in small supply though occasionally quoted \$4.50 & 10. Cyanamide is easier at \$2.00@ \$2.10. Steamed bone, Atlantic Ports, quoted lower at \$28.00 @ \$30.00/ton; raw bone, Chicago, \$23.00@ \$25.00/ton. Dried blood, New York, quiet at \$3.50 1/4 @ \$3.75.

Acid Phosphate—Supplies are plentiful and prices are holding around \$7.50@ \$8.00/ton, works. Demand has been quiet and with the season practically at an end there is little hope that this season will recover.

Phosphates—Owing to the large production in this field, competition has been keen and prices at present are none too firm. Shading is reported in most quarters though quoted prices are unchanged with Florida 68%, \$2.25; 70%, \$2.50; 75-74%, \$3.75; Tennessee, 72%, \$5.50/ton.

Potash Salts—Shipments on contracts are coming in regularly but aside from occasional small orders there is little doing at the moment. With the summer season also coming on, buying in this line will be quiet for several months. Former prices are still in effect with base quotations showing muriate, 80%, \$34.50/ton; potassium sulfate, 90%, \$45.85/ton; double manure salts, 48%, \$26.35; manure salt, 30%, \$16.03; manure salt, 20%, \$10.55/ton; kainite, 12.4%, \$7.22/ton.

Sodium Nitrate—This market is stronger owing to the limited stocks on spot and a somewhat better demand for this material. Spot prices have advanced slightly to \$2.55@ \$2.57.

Sulfuric Acid—Shipments are moving out regularly on contract but the current demand has not been up to expectations. Prices are holding fairly steady with 66° in tanks quoted \$14.00@ \$15.00/ton and 60° acid, \$9.00@ \$10.00/ton.

Sulfur—Little change in the situation with producers quoting \$14.00@ \$15.00/ton at mines and \$18.00@ \$19.00/ton, New York. Pyrites, 12c@ 13c unit. Lime is steady 1 1/2 c@ 2 c/lb in barrels.

Insecticides

Copper Salts—With most of the agricultural sections covered for the early buying, business has fallen to routine call for small quantities. Shipments for foreign accounts have been fairly heavy during the past few weeks. Domestic prices are holding at \$4.85@ \$4.95 for carlots and up to \$5.10 for small quantities. Imported is also in little demand, offerings at \$4.40, spot, being neglected. Imports at New York last week were 400 casks. Copper carbonate continues at 17c/lb. though this may be bettered on firm business.

Arsenicals—Shipments of calcium arsenate on contract have been increasing but new business continues as dull as ever. The situation defies analysis and not until the height of the consuming season in the South arrives will it be known what the true situation in the

arsenic and calcium arsenate is. There has been little buying this year and contracts placed at the close of last year are beginning to mean but little in many cases. Arsenic is in little demand at 11c/lb, spot, while calcium arsenate is quoted 11¼c@13c/lb as to time of delivery. Lead arsenate is holding at 19c@20c/lb in carlots and up to 25c/lb for small lots. Paris Green is unchanged and quiet, 30c@31c/lb base price in kegs and up to 39c/lb in packages. Sodium arsenite solution, \$1.00/gal. in drums.

Miscellaneous—Formaldehyde is moving well and firm at 11c@11¼c/lb; lead acetate is unchanged, 15c@15½c/lb; para-dichlorobenzene, 17c@22c/lb; Bordeaux mixture, 16%, powder, 12c@16c/lb as to quantity; paste, 8c@12c/lb; corrosive sublimate, 40%, \$1.15@1.30/lb.

Leather Chemicals

	Trend of the Market					Pre. War
	Today	Last Week	Last Month	Last Year	War Peak	
Acid, Acetic, 28%	\$3.37	\$3.38	\$3.38	\$3.17½	\$17.00	\$1.50
Acid, Formic, 90% .....	.13	.13	.13	.16	1.50½	.17
Acid, Lactic, 22% dark .....	.05	.05	.05	.04½	.07	.02
Potassium Bichromate ....	.09½	.09½	.09½	.10	.65	.06½
Epsom Salt, tech.	1.80	1.80	1.80	1.85	3.75	1.00
Sodium Prussiate, Imp. ....	.10½	.11	.11	.18	1.25	.18
Soda Ash, 58% wks.	1.38	1.38	1.38	1.45	4.10	.60
Sodium Bichromate ....	.07½	.07½	.07½	.07½	.45	.04½
Sodium Hyposulfite	2.75	2.75	2.75	3.00	3.75	1.80
Sodium Sulfide, 60% wks. ....	.08½	.08½	.08½	.04½	10½	.02½
Average .....	.981	.981	.981	1.009	3.267	.528

Conditions in the market for leather chemicals have shown little change during the week. Aside from the regular deliveries on contract, consumption of chemicals in this industry is of small moment at present.

In some sections signs of recovery in operations are reported, but, on the whole, buying is along conservative routine lines. Domestic chemicals are being maintained at steady prices while imported products are unsettled owing to the limited supplies in this country at present. Shipments from Hamburg were held up for a few weeks during a strike of dock workers and little has come in during the past week. While supplies of imported chemicals are scarce on spot, demand has not been sufficient to affect price greatly. Some items are only quoted for shipment while others are seemingly in sufficient supply but in small demand. The situation in sumac is still acute and prices are tending higher.

Acids—The new prices for acetic are now in general effect and practically on a delivered price basis. The 28 per cent is quoted, \$3.37@3.62 in barrels; 56 per cent, \$6.35@6.60; 70 per cent, \$7.83@8.08; glacial, \$11.90@12.75. Lactic acid is enjoying a steady demand with prices unchanged, dark, 22 per cent, 5c@5½c/lb. and light, 6c@6½c/lb.; 44 per cent, dark, 10½c@11c/lb., light, 12½c@13c/lb.; 66 per cent, dark, 16½c@17c/lb. and light, 26c@26½c/lb. Muriatic is in routine demand with 20 degree in carboys quoted \$1.30@1.80 as to quantity. Oxalic continues weak with domestic quoted 10c@11c/lb. and imported offered at 10¼c@10½c/lb. Sulfuric is steady, 66 degree in carboys quoted, \$1.35@1.75 and in drums, \$1.10@1.25. Oleum in drums, \$1.25@1.75.

Alkalis—Consumption of alkalis continues along steady lines with prices holding at former quotations. The textile industry is behind its normal consumption but other lines are holding their own. Makers are quoting ash in carlots on contract at works; bulk, \$1.25; bags, \$1.38; and barrels, \$1.63; less than carlot business, New

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York, quoted \$2.04@2.19 in bags and \$2.29@2.44 in barrels. Caustic soda continues with carlots of drums on contract, \$3.10 for solid and \$3.50 for ground and flake; less than carlot quantities around New York. \$3.76@3.91 for solid and \$4.16@4.31 for ground and flake.

Bichromates—Makers report a fair volume of business with prices holding steady. Potassium bichromate quoted 9½c@9¾clb. at the works and sodium 7½c@7¾clb.

Chemicals—The market is maintaining a steady tone with price changes confined mainly to the imported products which have been in small supply owing to lack of importations during the past few weeks. Red arsenic is holding at 15c@15½clb.; barium products are firm with chloride quoted \$90.00 ton at works and \$85.00 ton on spot; imported Epsom salt is scarce and high on spot; shipments are named at \$1.20; formaldehyde continues firm, 11c@11½clb.; Glauber's salt unchanged, \$1.30@1.75 as to quantity; potassium titanium oxalate holding at 25c@30clb.; tartar emetic, steady, 26c@28clb.; sodium sulfide moving in a quiet way with solid, 3¼c@4clb.; broken, 4c@5clb. and crystals 2¼c@2¾clb.; imported sal ammoniac is in small supply but little demand at 6½c@6¾clb. for white; domestic is steady, 7¼c@8clb.

Extracts—Consumption during the past week has experienced little change. Tanners are indifferent toward purchases of large quantities and strictly adhere to a conservative buying policy. Prices have been well maintained due to the scarcity of some supplies and routine demand. Demand for gambier appears more noticeable and prices are firm at 11c@13clb. for 25 per cent liquid. Cubes are quoted 18c@19clb. Archil is unchanged, previous quotations of 13c@16clb. hold firm. Chestnut is firm at 1¾c@2clb. Rangoon cutch is quoted 15c@16clb.; Borneo, 4¾c@5½clb. Hematine is quoted 8c@12clb.; hypernic, 15c@16clb.; logwood, 10½clb.; quebracho, 3c@3½clb.; quercitron, 6½c@7clb.; sumac, 7c@8clb.

Oils—Although the market has been quiet in general, prices are well maintained and in some instances, advances have been noted. Sellers are apparently anticipating an increase in buying and conditions indicate a more general firmness. Linseed oil is quoted 90c per gal. carlots, and 94c per gal. less than carlots. Neatsfoot oil is slightly higher at 18½clb. for 20 deg. c.t. Castor oil is steady at 15½c@16clb. Newfoundland cod oil is quiet with sellers quoting 63c@65clb. Refined menhaden oil is priced 61c@63clb. for light strained.

Boston importers of china clay are considerably disturbed about Section 28 of the Merchant Marine Act, which will make it necessary for importers to divide

the shipment between two vessels so that part of it going to the middle west will have to be shipped to Norfolk or Baltimore to obtain the advantage of the lower rates inland. The clay is imported in foreign vessels and under Section 28 of the Merchant Marine Act substantially higher rates would obtain on inland shipments if forwarded from Boston. Importers are seriously considering entering a protest with the Shipping Board to have the situation remedied.

CASEIN TARIFF REPORT COMPLETED

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., April 7.—Experts of the Tariff Commission have completed their supplemental report on casein. The report has been laid before the Advisory Committee of the Commission and it is expected that the committee will pass on the report this week and refer it to the commission for final approval. As soon as this is done the commission will set a date for a supplemental hearing regarding the casein tariff.

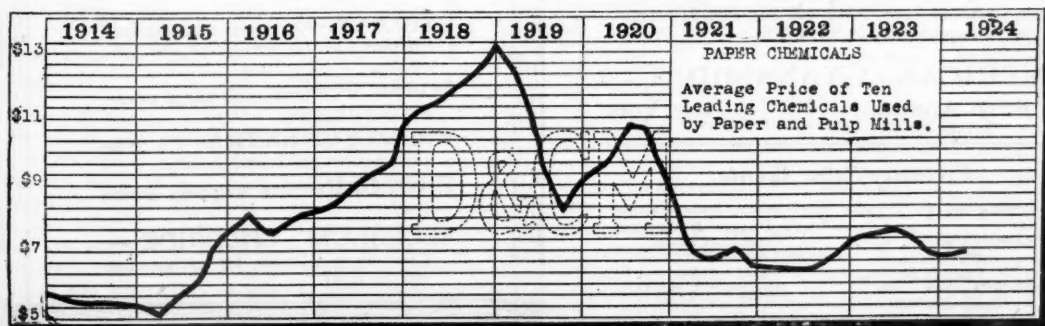
Paper Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Aluminum Sulfate	\$2.40	\$2.40	\$2.40	\$2.40	\$5.50	\$1.50
Bleaching Powder	1.90	1.90	1.90	2.00	9.50	1.50
Casein	10½	10½	12½	25	28	20
China Clay, Dom.	10.00	10.00	10.00	15.00	25.00	8.00
Chlorine Cyl. ....	.05¼	.05¼	.05	.05¼	.30	.08
Salt Cake	20.00	20.00	21.00	25.00	80.00	11.00
Sodium Silicate, 40°	80	80	80	95	175	2.00
Soda Ash	1.38	1.38	1.38	1.45	4.10	.69
Sulfur	18.00	18.00	18.00	18.00	65.00	20.00
Rosin F grade	5.85	5.75	5.80	6.15	4.50	20.25
Average	6.030	6.020	6.050	7.235	13.30	5.50

Chemicals for paper manufacture show little change in price this week. Most of the sellers have been spending their time at the Paper Industries Exposition in New York. If possible, a smaller movement of chemicals into paper mills has been noted during the past fortnight, and prices as a consequence tend easier. Of course, there are strong spots such as bleaching powder, chlorine, casein, rosins, and one or two others, which tend to offset the weakness. The average of all chemicals for paper use is still higher than the first of the year, although since April 1, quiet shading has tended to bring quotations down. Imports of dyestuffs during March were double those of February, with Germany shipping 63 per cent of the totals. The average price, however, showed a materially lower figure per pound.

Alkalis—Consumption of alkalis continues along steady lines with prices holding at former quotations. The textile industry is behind its normal consumption but other lines are holding their own. Makers are quoting



ash in carlots on contract at works; bulk, \$1.25; bags, \$1.38; and barrels, \$1.63; less than carlot business, New York, quoted \$2.04@\$2.19 in bags and \$2.29@\$2.44 in barrels. Caustic soda continues with carlots of drums on contract, \$3.10 for solid and \$3.50 for ground and flake; less than carlot quantities around New York, \$3.76@\$3.91 for solid and \$4.16@\$4.21 for ground and flake.

Bleaches—New business has been gaining while contract deliveries are proceeding steadily. Prices are being maintained at the latest quotations with bleaching powder in large drums on contract \$1.90 and in small drums, \$2.15 at works. Less than carlot business, 15c higher. Liquid chlorine is unchanged with tanks, 4½clb. on contract; cylinders in carlots, 5½clb. less than carlots, 6½clb.; and less than ton lots, 7½clb.

Chemicals—Consumption of chemicals has been along moderate lines with prices generally maintained at recent levels. Aluminum sulfate is steady at \$2.25@\$2.40 as to seller and quantity for the iron free and \$1.30@\$1.35 for commercial; sodium silicate is moving mainly on contract with 40 degree quoted 75c in tanks and 80c @85c in drums; blanc fixe is steady at \$75.00@\$80.00 ton for the dry; sodium bisulfite, 4c@4½clb. for dry and \$1.25@\$1.75 for liquid; sulfur quoted \$18.00@\$19.00 ton, New York; lime, \$12.00@\$14.00 ton.

Sizings—Casein imports at New York last week were 4,936 bags from South America. Slightly higher quotations are noted in some directions but the market appears to be general at 10½c@12clb. Rosins have been in better demand and advances have been recorded in nearly all grades; quotations, B to K, \$5.85; M, \$5.90; N, \$6.10; WG, \$7.10; WW, \$7.50.

Rubber Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Antimony Sulfide Crim....	\$39	\$39	\$39	\$35	\$45	\$35
Carbon Bisulfide .....	.06	.06	.06	.06	.50	.10
Carbon Black .....	.12	.11	.11	.15	.30	.14
China Clay, Imp.....	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene .....	.82½	.82½	.82½	.97	1.35	..
Iron Oxide, Span.....	.03½	.03½	.03½	.04	.04½	.05
Lithopone .....	.06½	.06½	.06½	.06	.08	.04
Sulfur	3.05	3.05	3.05	2.50	6.30	2.75
Whiting, Dom.	14.00	14.00	14.00	18.00	30.00	11.00
Zinc Oxide, Amer. ....	.07½	.07½	.07½	.07	.09½	.09
Average	3.463	3.462	3.462	3.820	5.931	..

A slight easing off of demand during the past week has been noted in rubber chemicals with round lot sales the exception rather than the general rule. The usual activity in carbon black has not been apparent, but price remains firm in view of the strength displayed in Louisiana. With the more or less limited demand, some factors, no doubt, are shading prices in order to turn over some of the bulky chemicals. The accelerators, however, show a firm tone, and some fair sized contract orders have been reported. The outlook for the next three months is for better buying, especially from the tire manufacturers, according to several factors in the trade. At the moment, buyers are not prone to commit themselves for too distant deliveries.

Acid—Acetic is easy and in small demand only at the following quotations: 28 per cent, \$3.37@\$3.62; 56 per cent, \$6.35@\$6.60; 70 per cent, \$7.83@\$8.08; and glacial, \$12.15@\$12.65.



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FORMOPON EXTRA—For stripping woolen goods and shoddy.

PROTOLIN—For stripping woolen goods.

ALUMINUM CHLORIDE—Crystals and liquid, for carbonizing woolen stock.

Accelerators—Actual spot demand is routine with most of the business confined to contracts. Aniline oil is quiet and price is 17c@18c. spot, and 16c@17c. works. Diphenylguanidine is unchanged with holders naming \$1.10@1.15lb. spot for lots up to 1,000 pounds, and \$1.05lb. for larger quantities. Hexamethylene is quiet and in routine demand only at 82½c@85c. spot as to quantity. Litharge is steady and holders name \$11.50 cwt. spot. Quinoidine is in good supply at 55c. in drums. Thiocarbanilide is steady at 27c@29c. spot.

Colors and Compounding Materials—Some activity has been reported, but in small way only. Aluminum flake is unchanged and steady at \$23@27 ton works as to quality. Antimony sulfide shows strength at 19c@24c. spot for golden, and 39c@50c. for crimson. Asbestine is routine only at \$18@20 ton works. Blanc fixe is quoted steady at 4c@4½c. f.o.b. New York. Buyers show little interest in china clay. Quoted at \$18@20 ton for imported, and \$13@23 ton for domestic as to quality. Iron oxide is in small demand at 3½c@7½c. spot for Spanish, and 12c@16c. for English. Lithopone holders name 6½c@7½c. spot as to quantity, and quiet thereat. Magnesium carbonate is active at 8¼c@8¾c. spot, and heavy calcined at 5½c@6c. Talc is in better demand at \$16@18 ton works and \$28@30 ton ex-warehouse for domestic; French, \$40@45 ton; and Italian, \$53@80 ton. White barytes is being held at \$24@26 ton, St. Louis, and imported at \$29@34 ton. Whiting is in ample supply for all requirements at \$18@22 ton for imported, and \$13@15 ton f.o.b. works for domestic. Zinc oxide shows better inquiry at 8¾c@9c. spot as to quantity.

Mineral Rubber—Supplies ample for present requirements at \$35@50 ton as to seller and quality.

Solvents—C.P. quoted easy with possibility of shading prices of 16c@17c. works in c/l; methyl acetone, \$1.05@1.10gal.; acetone oils, \$1.25@1.30gal. Benzene is firm at 23c@25c. in tanks, and 28c@30c. in drums for 90 per cent. Pure holders name 24c@26c gal. in tanks, and 29c@33c. in drums. Carbon bisulfide is active at 6c@6½c. spot. Sulfur chloride is named in good supply at 5c@6c. for yellow, and 6c@7c. spot for red material.

Sulfur—In routine demand only with holders naming \$3.05@3.30cwt.; and superfine, \$2.50@2.90cwt.

Textile Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Acid, Acetic, 28%	\$3.37	\$3.38	\$3.38	\$3.17½	\$17.00	\$1.50
Acid Oxalic .....	.10¼	.10¼	.11	.12½	.70	.07¼
Bleaching Powder	1.90	1.90	1.75	2.00	9.50	1.50
Copper Sulfate	5.00	5.00	5.00	6.40	20.00	4.50
Epsom Salt, U.S.P.	2.16	2.10	2.10	2.25	4.25	1.50
Glauber's Salt	1.30	1.30	1.30	1.25	2.50	.80
Potash, Caustic, Imp. ....	.06¼	.06¼	.06¼	.08	.87	.12
Soda Ash, 58% wks.	1.38	1.38	1.38	1.45	4.10	.60
Soda Caustic, 76% wks.	3.10	3.10	3.10	3.16½	9.50	1.80
Sodium Bichromate .....	.07½	.07¼	.07¼	.07½	.45	.04¼
Average	1.843	1.843	1.823	1.905	4.800	1.42

The curtailment in textile operations continues to be reflected in the market for textile chemicals. Cotton mills are operating at hardly more than fifty per cent capacity, many mills in New England being shut down completely. Silk mills are also below normal while woolen mills are showing increased consumption of dyes and chemicals. Aside from the temporary lack of imported chemicals, nothing of interest is noted in the trade. The suspension of exports from Hamburg for a few weeks is now being felt in New York. Prices, however, have failed to respond to the situation except in a

few items. Imports of dyes for March showed a considerable increase over those of the preceding month.

Acids—The new prices for acetic are now in general effect and practically on a delivered price basis. The 28 per cent is quoted, \$3.37@3.62 in barrels; 56 per cent, \$6.35@6.60; 70 per cent, \$7.83@8.08; glacial, \$11.90@12.75. Lactic acid is enjoying a steady demand with prices unchanged, dark, 22 per cent, 5c@5½c. and light, 6c@6½c.; 44 per cent, dark, 10½c@11c., light, 12½c@13c.; 66 per cent, dark, 16½c@17c. and light, 26c@26½c. Muriatic is in routine demand with 20 degree in carboys quoted \$1.30@1.80 as to quantity. Oxalic continues weak with domestic quoted 10c@11c. and imported offered at 10¼c@10½c. Sulfuric is steady, 66 degree in carboys quoted, \$1.35@1.75 and in drums, \$1.10@1.25. Oleum in drums, \$1.25@1.75.

Alkalis—Consumption of alkalis continues along steady lines with prices holding at former quotations. The textile industry is behind its normal consumption but other lines are holding their own. Makers are quoting ash in carlots on contract at works; bulk, \$1.25; bags, \$1.38; and barrels, \$1.63; less than carlot business, New York, quoted \$2.04@2.19 in bags and \$2.29@2.44 in barrels. Caustic soda continues with carlots of drums on contract, \$3.10 for solid and \$3.50 for ground and flake; less than carlot quantities around New York, \$3.76@3.91 for solid and \$4.16@4.31 for ground and flake.

Bichromates—Makers report a fair volume of business with prices holding steady. Potassium bichromate quoted 9½c@9¾c. at the works and sodium 7½c@7¾c.

Bleaches—New business has been gaining while contract deliveries are proceeding steadily. Prices are being maintained at the latest quotations with bleaching powder in large drums on contract \$1.90 and in small drums, \$2.15 at works. Less than carlot business, 15c higher. Liquid chlorine is unchanged with tanks, 4½c. on contract; cylinders in carlots, 5½c. less than carlots, 6½c.; and less than ton lots, 7½c.

Chemicals—Imported chemicals are in smaller supply on spot owing to the suspension of exports from Germany a few weeks ago. This situation has strengthened the spot market in some products while lack of demand has caused others to decline. Sodium prussiate is notably weaker for foreign material at 10½c@11c.; Acetone has been easy with C.P. 16c@16½c.; alums are steady at 3½c@3¾c.; imported sal ammoniac is slightly weaker at 6½c@6¾c.; copper sulfate is in routine demand with prices around 5c. for small lots; imported Epsom salt is scarce while domestic is steady at \$1.80@2.00 for technical and \$2.10@2.50 for U.S.P.; Glauber's salt is unchanged on routine demand at \$1.30@1.75; imported caustic potash is firmer at 6¾c@7c.; sodium acetate quoted firm, 5c@5½c.; potassium permanganate holding steady, 14c@14¾c. for domestic and 14c@17c. for imported; potassium prussiate, red, is lower at 40c@42c.; sodium sulfide is steady at unchanged prices; tin crystals are holding at the lower April prices of 35½c@36c.

Starches and Dextrines—New business has been quiet during the past week and buying limited to actual routine requirements. Producers are busy filling contracts however, and recent prices are being maintained. Reports of increased activity of mills in Fall River have added interest to the trade. The following quotations are in effect: Technical albumen, \$1.25lb.; British gum, \$4.09@4.24; white corn dextrine, \$3.74; yellow, \$3.79; potato, 7½c@8c.; powdered corn starch, \$3.27; pearl, \$3.17; potato, 5½c@6c.; tapioca flour, 7½c@8c. for high grade and 4c@4½c. for lower grades.

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: Chemicals, including heavy and technical chemicals, fine and medicinal chemicals, aromatic chemicals and isolates, crudes and intermediates from coal-tar, various fine alkaloids, and miscellaneous products; Crude Drugs, Essential Oils, including oleoresins; Fatty Oils, including Animal, Vegetable and Fish Oils, Greases, Fats, and Tallow; Tanning and Dye Extracts, including miscellaneous natural tanning woods, extracts, etc. All groups are arranged in straight alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical product are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan

District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic-made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20 American Gallons
1 American Gallon	— .833 Imperial Gallon
1 American Gallon	—3.79 Liters
1 Liter	— .264 American Gallon
1 American Gallon (Water)	—8.35 Pounds
1 Pound (Avoirdupois)	— .454 Kilograms
1 Kilogram	—2.20 Pounds

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Chemicals

ACETANILID, tech. 150 lb bbls. D	.27	.28	Acid Carbolic—(continued)		Acid, hydrofluoric—(continued)	
100 lb kgs. D	.25	.30	Liquid USP, 1 lb bot. D	.39	60% 100 lb chys. wks. D	.14
USP 200 lb bbls. D	.30	.32	Crude, 25% 50 gal. bbls. gal	.35	60% 300 lb dr. wks. D	.13
Second Hands D	.30	.31	10%, 50 gal. bbls. gal	.30	White Acid, 100 lb chys. wks. D	.26
Acetic Anhydride D			Carbonic, see Carbon Dioxide		White Acid, 10 chys. wks. D	.25
85-89%, 107 lb chys. D	.40		Chloroacetic		Hydrofluosulfic, 35% 450 lb bbls. wks. D	.13
90-95%, 100 lb chys. D	.43		mono 100 lb bbls. wks. D	.30	Hypophosphorous, USP 90% 5 gal. dems. D	.85
C.F. 100 lb chys. D	.80		DI, 150 lb chys wks. D	1.00	USP, 10% 5 gal. dems. D	.30
Acetone, CP 700 lb dra. c/l wks. D	.16		Tri, 425 lb bbls. wks. D	2.45	LACTIC, 22% dark 500 lb bbls. D	.05
700 lb dra. le/l wks. D	.16 1/2		Chlorosulfonic, 1500 lb dra. D		22% light, bbls. D	.06
350 lb dra. le/l wks. D	.17		wks. D	.15	44% dark, bbls. D	.10 1/2
Second Hands, spot. D			Chromic, USP 200 lb drums. D	.40	44% light, bbls. D	.12 1/2
Acetone Oils, light, dra. wks. gal	1.33	1.40	85% Pure, 200 lb drums. D	.35	66% bbls. dark, bbls. D	.16 1/2
Heavy, dra. wks. gal	1.25	1.30	Chromotropic, 300 lb bbls. D	1.35	66% light, bbls. D	.26
Acetylphenidin, 150 lb bbls. D	1.35	1.90	Chrysophanic, see Chrysarobin		USP IX 100 lb chys. D	.75
Acetyl Chloride, 100 lb chys. D	.40	.41	Cinnamic, 5 lb cans D	3.93	USP VIII 100 lb chys. D	.70
ACID, 1, 2, 4, 250 lb bbls. D		1.30	CITRIC, USP crys. 230 lb bbls. D	.48	Laurent's, 250 lb bbls. D	.90
Acetic, 28%, 400 lb bbls. c/l wks. D			Powd., USP, 200 lb bbls. D	.49	Metanilic, 250 lb bbls. D	.60
28%, c/l wks. 100 lb D	3.37		Imported, crys. 112 lb kegs. D	.47 1/2	Mixed, sulfuric-nitric	
56%, c/l wks. 100 lb D	3.62		Single kegs D	.48 1/2	Drums, wks. D	N Unit
56%, c/l wks. 100 lb D	6.35		Cleaves, 250 lb bbls. D	1.00	Drums, wks. D	S Unit
56%, c/l wks. 100 lb D	6.60		Cresylic, 95% dark dr. NY. gal	.65	Tank cars, wks. D	N Unit
70%, bbls. c/l wks. 100 lb D	7.83		97-99% straw, dra. wks. gal		Tank cars, wks. D	S Unit
70% c/l wks. 100 lb D	8.08		97-99% pale, dra. NY. gal	.65	Molybdc, 85% pure 100 lb kegs D	1.35
80% coml. bbls. c/l wks. 100 lb D	8.90		Crude, spot, drums. gal	.60	100% C.P. 100 lb kegs. D	2.00
80% coml. c/l wks. 100 lb D	9.15		Diethylbarbituric, 10 lb lots, 1 lb bot. D	8.50	Monosulfuric F, Delta, 50 lb tins D	
80% pure bbls. c/l wks. 100 lb D	10.41		Formic 85% tech. 140 lb chys. D	.13	MURIATIC, 20° chys. le/l wks. D	1.45
80% pure c/l wks. 100 lb D	10.66		90%, 80 lb chys. incl. D	.13 1/2	Chys. c/l wks. 100 lb D	1.30
Glacial, bbls. c/l wks. 100 lb D	11.90		Gallic, USP, 150 lb bbls. D	.70	Tank cars, wks. 100 lb D	1.00
Glacial, le/l wks. 100 lb D	12.15		Gamma, 225 lb bbls. wks. D	1.40	18°, 120 lb chys. c/l wks. 100 lb D	1.00
Glacial USP chys. wks. 100 lb D	12.65		Glycerophosphoric, 35% 1 lb b. D	1.85	Tank cars, wks. net ton D	
Acetylacetic, 220 lb bbls. D	.75	.85	H 225 lb bbls wks. D	.72	22°, 120 lb chys. c/l wks. 100 lb D	1.75
Second Hands D	.70	.71	Iodine, 10% USP 5 lb bot. D	.75	Iron, free 20° chys. c/l wks. 100 lb D	
Anthranilic, tech. dra. D		.94	Hydrobromic, 48% coml. 155 lb chys. wks. D	.35	Tank cars, wks. net ton D	
99-100%, 100 lb dra. D		1.00	48% coml. 10 chys. wks. D	.40	Muriatic, CP & USP, see Acid Hydrochloric	
Benzole, tech. 100 lb bbls. D		.75	40% USP 155 lb chys. wks. D	.45	Naphthionic, tech. 250 lb bbls. D	.62
Tech. ton lots bbls. D		.70	10% USP 100 lb chys. wks. D	.11	Refined, single bbls. D	.65
USP, 100 lb bbls. D	.75	.85	Hydrochloric, see also Acid Muriatic		Neville & Winther's, 250 lb bbls. D	1.05
Second Hands D	.72	.77	CP, USP, 110 lb chys. D	.08		1.10
Boric, crys. powd. 250 lb bbls. D	12 1/2%	12 1/2%	HYDROFLUORIC, 30% 400 lb bbls. wks. D			
Keps. 100 lb D	12 1/2%	13 1/2%	30% bbls. c/l wks. D	.07		
Brownner's 250 lb bbls. D		1.15	30% 100 lb chys. wks. D	.07		
Butyric, 60% pure 5 lb bot. D	.40	.50	48% single 100 lb chys. wks. D	.11		
C.P. 10 lb bot. D	1.25	1.50	48% 10 chys. wks. D	.10		
Camphoric, USP, VIII 1 lb bot. D	5.90	6.00	52% 100 lb chys. wks. D	.14		
Carbolic, USP crys. see also Phenol			52% 10 chys. wks. D	.11		
112 lb tins D	.31	.34				
25 lb tins D	.33	.36				
5 lb tins or bot. D	.36	.39				
1 lb bot. D	.40	.43				

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Chemicals

ACID, NITRIC, 86° 135B			
le/l clys. wks.....100B	4.75	: 5.25	
Clys. c/l wks.....100B	4.50	: 4.75	
38° le/l clys. wks.....100B	5.25	: 5.75	
Clys. c/l wks.....100B	5.00	: 5.25	
40° le/l clys. wks.....100B	5.75	: 6.00	
Clys. c/l wks.....100B	5.50	: 5.75	
42° le/l clys. wks.....100B	6.25	: 6.75	
Clys. c/l wks.....100B	6.00	: 6.25	
C. P. clys. single wks.....100B	.13	: .16	
Oxalic, 325B bbls. wks.....B	.10	: .11	
Bbls., NY.....B	.10½	: .10¾	
Imp., 560B casks.....B	.10¾	: .10¾	
Kegs, 100B NY.....B	.11	: .11¾	
Phosphoric, 50% tech. 100B			
clys.....B	.07½	: .08	
USP, Syrupy 85°, 70B.....B			
demis.....B	.12	: .13	
Imported.....B		: .12¾	
Phthalic, see Phthalic Anhydride			
Pieramic, 300B bbls.....B		: .65	
Picric, 450B bbls.....B		: .30	
Bbls. car lots wks.....B	.20	: .33	
Pyrogallol, crys. 5B cans.....B	1.20	: 1.30	
Resublimed, 5B cans.....B	1.55	: 1.65	
Tech. powd., 200B bbls.....B		: .85	
Salicylic, tech. 125B bbls.....B	.33	: .34	
USP, 100B bbls.....B		: .35	
Second Hands.....B		: .34	
Sulfanilic, 250B bbls.....B	.16	: .20	
SULFURIC, 66° 180B clys.			
le/l wks.....100B	1.35	: 1.75	
Clys. c/l wks.....100B		: 1.35	
1500B Drums, le/l			
wks.....100B		: 1.25	
Drums, c/l wks.....100B		: 1.10	
Tanks cars, wks.....net ton	14.00	: 15.00	
60° 1500B Drums			
le/l wks.....100B	.75	: 1.00	
Drums, c/l wks.....100B	.65	: .75	
Tank cars, wks.....net ton	9.00	: 10.00	
C. P. 175B clys.....100B	.08	: .09	

ACID, Sulfuric			
Oleum, 20 p.c. 1500B drums,			
le/l wks.....100B	1.50	: 1.75	
Drums, c/l wks.....100B	1.25	: 1.50	
Tank cars, wks.....net ton	17.00	: 18.00	
Contract cars, wks.....ton			
Oleum, 40% drs le/l wks.net ton		: 40.00	
Oleum, 60% drs, le/l wks.net ton	60.00	: 70.00	
Sulfurous, USP 6% 100B clys.B			
4% 100B clys.....B	.04	: .05	
USP, 5 gal. demis.....B	.06	: .08	
Tannic, tech. 300B bbls.....B		: .35	
USP, powd. 200B bbls.....B	.80	: .83	
USP, Suffy, 50B bbls.....B	.80	: .83	
Tartaric USP crys. 300B bbls.B		: .30	
USP, powd. 300B bbls.....B		: .30	
Imp. USP, 240B bbls.....B	.27½	: .28	
Powd. 240B bbls.....B	.28	: .28½	
Tobias, 250B bbls.....B	.90	: .95	
Tungstic, 100B kegs.....B		: 1.00	
Valeric, C.P., 10B bot.....B	2.50	: 2.75	
Acetone, Alk. crys. 1 oz. vls.....oz			
Amorphous, 1 oz. vls.....oz		: 20.00	
Adeps Lanase, hydrous 350B bbls.B	.21	: .23	
Anhydrous, 350B bbls.....B	.23	: .24	
Albumen, Egg, edible.....B		: 1.25	
Technical, see Dyes Sundries			
ALCOHOL, USP 190 pt. 50 gal.			
bbls.....gal	4.83	: 4.91	
Second Hands, bbls, USP 190			
pt.....gal		: .45	
Export, USP, 190 pt.....gal	.45	: .83	
Cologne Spirit, 50 gal. bbls.gal	4.90	: 5.00	
WOOD, see Methanol			
Alcohols, also in 50 gal			
drums, extra and returnable.			
Amyl, see Oil Fuel			
Betyl, 50 gal. drums.....B	.35	: .40	
Isobetyl, crude 50 gal. drums.gal			
Refined, 10B cans.....B	2.00	: 2.50	

ALCOHOL—(continued)			
Isopropyl, crude 50 gal. drs.....gal		: 2.25	
Refined, 50 gal. drs.....gal	4.00	: 4.50	
Ref'd, 91% drs.....gal		: 3.50	
Methyl, see Alcohol, Wood			
Propyl, nml. crd. 50 gal. drums.gal		: 4.40	
Refined, 10B cans.....B		: .75	
Denatured			
No. 1 Complete Denat. 188 Proof			
50 gal. bbls. incl.....gal	.56	: .58	
50 gal. drums, extra.....gal	.51	: .53	
No. 1 Special Denat. 190 Proof			
50 gal. bbl. incl.....gal	.54	: .56	
50 gal. drums, extra.....gal	.48	: .50	
No. 5 Complete Denat. 188 Proof			
50 gal. bbls. incl.....gal	.53	: .55	
50 gal. drums, extra.....gal	.47	: .49	
No. 6 Complete Denat. 188 Proof			
50 gal. bbls. incl.....gal	.53	: .55	
50 gal. drums, extra.....gal	.46	: .48	
In addition to the regular authorized formulae for completely denatured alcohol, some 75 formulae for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.			
Aloin, USP 100B cans.....B			
Refined, 300B bbls.....B		: .75	
Alpha-Naphthol, crude 300B bbls.....B			
Alpha-Naphthylamine, 350B bbls.B		: .35	
Ton lots, bbls, wks.....B		: .35	

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Epsom Salt
Hydrochloric Acid
Mixed Acids
Nitric Acid

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Aqua Ammonia
Copperas Nitrate Iron
Anhydrous Bisulphite Soda

Salt Cake
Tin Crystals
Sodium Sulphide
Sodium Silicate
Sodium Phosphate

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Ethylene Oxide
Glycol Diacetate
Hexachlorethane
Isopropyl Chloride
Isopropanol
(Isopropyl Alcohol)
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Propylene Glycol
Propylene Oxide
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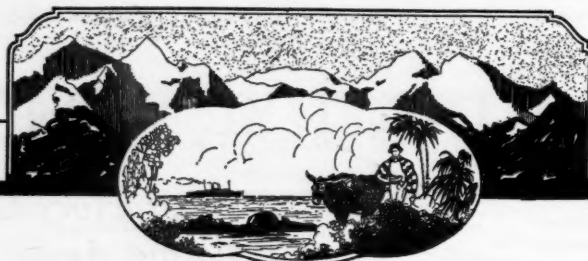
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Department about them.*

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CARBIDE AND CARBON BUILDING, 30 EAST FORTY-SECOND STREET, NEW YORK
Telephone Vanderbilt 8700

Chemicals

ALUM. Ammonia, lump 400 lb bbls.			AMMONIA anhyd. 100 lb cyl.... lb			AMMONIUM —(Continued)		
Wks.	100 lb	3.50 : 3.65	Water, 26° 800 lb dra. wks.. lb	...	.06%	Persulfate, 112 lb cases..... lb	.35	: .40
Imp., 500 lb casks.....	100 lb	...	Dra. c/l wks.....	...	.06%	Phosphate, dibasic 200 lb bbls.. lb	...	.38
Ground, 400 lb bbls. wks.100 lb		3.65 : 3.75	C.P., ctya.....	...	.14	Tech., powd. 325 lb bbls.... lb	...	.18
Powd. 380 lb bbls. wks.100 lb		3.90 : 4.00	Imp., 800 lb dra Incl.spot. lb	...	.06%	Phosphate, mono, 325 lb bbls.. lb	...	.12½
Chrome 500 lb cks. wks.100 lb		5.50 : 6.00	26° 100 lb ctya. lc/l wks.. lb	...	.07%	Salicylate, USP 100 lb kegs.. lb	...	.80
Potash , lump 400 lb bbls.			Ctya., c/l wks.....	...	.07%	Sulfate, bulk c/l wks....100 lb	...	3.00
Wks.	100 lb	4.50	20° 800 lb dra. lc/l wks.. lb	...	.06%	200 lb single bgs. c/l wks.100 lb	...	3.15
Bbls. c/l wks.....	100 lb	4.25	Ctya., lc/l wks.....	...	.06%	200 lb double bgs. f.a.s.100 lb	2.85	: 2.90
Cont. bbls. c/l wks.100 lb		4.25	18° 800 lb dra. lc/l wks.. lb	...	.04%	Sulfocyanide, tech. 100 lb kgs.. lb	.50	: .60
Imp. 650 lb cases s.p..100 lb		3.00	Ctya., lc/l wks.....	...	.05%	C.P. 25 lb jars.....	.60	: .70
Ground, 400 lb bbls. wks.100 lb		4.35 : 4.60	16° 800 lb dra. lc/l wks.. lb	...	.04%	Amyl Acetate, tech. 50 gal. dra.gal	3.50	: 3.75
Imp. 650 lb casks.....	100 lb	3.50	Ctya., lc/l wks.....	...	.05%	Refined, 50 gal. drums.....gal	4.00	: 4.25
Powd., 380 lb bbls. wks.100 lb		4.50 : 4.75	Ammonium Acetate, 100 lb kegs. lb	...	.37	Alcohol, see Fuel Oil		
Chrome, 700 lb cks wks.100 lb		5.50 : 6.00	Benzoate, USP, 1 lb bot.... lb	.90	: .95	ANILINE OIL , 900 lb dr.... lb	.15	: .17
Soda , grd. 400 lb bbls. wks.100 lb		4.00	Bifluoride, 300 lb bbls..... lb	.22	: .23	Aniline Salt 200 lb bbls..... lb	.21	: .23
Bbls. c/l wks.....	100 lb	3.50	100 lb kegs.....	.23	: .24	Anthracene , 80-85%, 600 lb casks		
Aluminum, metal, c/l NY....	100 lb	28.00 : 29.00	Bromide, 50 lb boxes..... lb	.34	: .37	Wks. ....	.75	: 1.00
Chloride, anhyd. 375 lb dra.. lb		.20 : .22	Imported, 112 lb boxes..... lb	.18	: .20	28-30%, Imp. ....	...	.05
Crystals, 375 lb bbls.....		...	Carb., tech. 560 lb casks..... lb	...	.08½	Anthaquinone, subl. 125 lb bbls.. lb	1.00	: 1.15
30% sol. 120 lb ctya.....		.03½ : .04	Powd., tech. 385 lb bbls.. lb	...	.09	30% paste 350 lb bbls.	...	...
Hydrate 96% light 90 lb bbls.. lb		.17½ : .18½	USP, lump, 100 lb kegs..... lb	.12	: .13	Antimony metal, slabs ton lots100 lb	10.25	: 10.37
Heavy. 92-94%, 220 lb bgs.. lb		.06 : .06½	Powd., 100 lb kegs.....	...	.14%	Needle Powd., 100 lb cases.... lb	.08	: .10
400 lb bbls. wks.....		.06½ : .07	Chloride, Demestic			ANTIMONY CHLORIDE , anhyd 1000 lb		
SULFATE , Iron-free bags c/l			Bbls., c/l wks.....	...	.07%	Dra. ....	...	.35
Wks.	100 lb	2.25 : 2.40	Bbls., c/l wks.....	...	.07%	50 lb crocks.....	.45	: .48
Imported, spot.....	100 lb	2.20 : 2.50	Gray 250 lb bbls. wks.....	...	.08%	Sol'n, 130 lb carbony.....	...	.11
Comm'l. , ¼% iron. bgs. c/l			Bbls., c/l wks.....	...	.08%	Oxide, 500 lb bbls.....	.08%	: .09
Wks.	East 100 lb	1.35	Imp. wh. 600 lb casks spot. lb	...	.06%	Salt, dom. 500 lb bbls.....	.24	: .25
Cont. bgs. c/l wks. E.100 lb		1.30 : 1.35	Gray, 600 lb casks spot. lb	.07½	: .08	Imp. NY.....	.19	: .20
Bags, c/l wks. W....100 lb		1.30	Lump, 500 lb casks spot.... lb	.14	: .15	Sulfuret, golden 500 lb bbls....	...	.21
Bbls., c/l wks. East.100 lb		1.50	Tchthyolate, as to brand..... lb	4.25	: 5.00	386 lb kegs.....	...	.19
Bulk, c/l cont. wks. E.100 lb		...	Iodide, USP, 25 lb jars..... lb	...	5.20	386 lb kegs.....	...	.38
Amidol, (see Diaminophenol)			Lactate, 500 lb bbls.....	.15	: .16	Red, 500 lb bbls.....	...	.45
Amidopyrine, Imp. 10 lb boxes.. lb	4.35	: 4.50	Nitrate, tech. crys. 225 lb bbls.. lb	...	...	386 lb kegs.....	...	.42
Domestic, 10 lb boxes..... lb	...	4.60	Refined Crystals, bbls.....	.21	: .23	Tartritolactate, 500 lb bbls....	...	.45
Aminocresols, 110 lb kegs.... lb	...	1.15	CP gran. 100 lb kegs.....	.35	: .37	Antipyrine, USP, 100 lb cases....	2.15	: 2.25
			Oxalate, pure, 100 lb kegs.... lb	.40	: .42	Apomorphine Hydrchloride, ½ oz. vis.oz	...	21.15
						Arecoline Hybromide, 1 oz. vial. oz	6.25	: 7.82
						Argols, red powd. 350 lb bbls.... lb	.06½	: .07



CHLORIDE OF LIME

Epsom Salts
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Peroxide of Sodium
Carbonate of Potash
Carbon Tetrachloride
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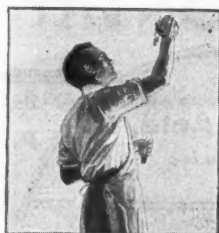


Aconitine and Salts
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Antipyrine
Apomorphine Hydrochloride
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Atropine and Salts
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Brucine and Salts
Caffeine and Salts
Cocaine and Salts
Codeine and Salts
Colchicine Alkaloid, U. S. P.
Colchicine Salicylate
Creosote, U. S. P.
Creosote Carbonate

Cumarin
Diacetylmorphine
Alkaloid and Hydrochloride
Digitalin Pure
Duboisine Sulphate
Emetine and Salts
Eserine and Salts
Guaiacol Liquid
Guaiacol Carbonate
Homatropine and Salts
Hydrastine and Salts
Hydrastinine Hydrochloride
Hyoscine Hydrobromide
Hyoscyamine and Salts
Morphine and Salts
Phenolphthalein

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Dyestuffs Department, Sales Division,

WILMINGTON, DELAWARE

8 Thomas St., New York, N. Y.

Chemicals

Arabic, metal, 220 lb. kegs.....D	...	45	Benzidine Base, dry 250 lb. bbls. D	...	.80	BISMUTH—(Continued)		
Red, 224 lb. kegs cases.....D	.15	15%	Benzidine Sulfate, paste 350 lb. bbls. ....D	.70	.72	Subiodide, 5 lb. lots.....D	...	4.65
White, 550 lb. bbls., NY.....D	.11	.13	Benzol, see Benzene			Subnitrate, USP, 250 lb. bbls. D	...	2.50
Asbestos, see Acid Acetylaldehyde			Benzonaphthol, 5 lb. boxes.....D	3.50	3.60	Second Hands, bbls. or less. D	...	2.80
Aspirin, see Acid Acetylaldehyde			Benzoyl Chloride, 500 lb. drs.....D	...	1.00	Cons, 1 lb. bot.....D	...	4.00
Atropine Alk. USP, 1 oz. vial.....oz	5.00	5.57	Benzyl Acetate, 100 lb. chys.....D	1.55	1.75	Subsulfate, USP, 175 lb. bbls. D	...	3.00
Sulfate, 5 oz. cans.....oz	...	2.75	Alcohol, 5 lb. bot.....D	1.45	1.55	Tannate, 1 lb. bot.....D	...	2.00
Single ounce.....oz	...	2.92	Benzoate, 5 lb. bot.....D	1.60	1.75	above on basis 25 lb. lots		
BARIUM BINOXIDE, see Barium dioxide			Medicinal FFC.....D	1.75	2.00	Smaller lots at an advance.		
Carbonate, precip., 800 lb. bbls. wks.	68.00	70.00	Chloride, 95% tech. 925 lb. drs. D	...	.35	Blanc Fixe, dry 400 lb. bbls. wks. ton	75.00	...
Precip., 200 lb. pgs., wks.....ton	68.00	70.00	100 lb. chys.....D	.35	.30	Imported, bbls.....ton	70.00	...
Imports, bbls., spot.....ton	66.00	67.00	Redistill. 100 lb. chys.....D	.40	.45	Paste, 650 lb. bbls.....ton	50.00	55.00
Chloride, 800 lb. bbls., wks.....ton	...	90.00	Formate, 1 lb. bot.....D	3.00	3.25	BLEACHING POWDER, 700 lb. drs.		
200 lb. bbs. wks.....ton	...	85.00	Berberine Hydrochloride, 1 lb. bot.....D	...	22.50	c/l wks.....100 lb	...	1.90
Import, bbls., spot.....ton	...	85.00	Sulfate, acid or neut. 1 lb. bot. D	...	22.00	Drums lc/l ex warehouse.....100 lb	2.35	2.60
Dioxide, 83% 690 lb. drs.....D	.17	.18	BETA-NAPHTHOL, 350 lb. bbls., wks. D	...	.26	Contract, c/l wks.....100 lb	1.90	2.15
Import, 86-88% 400 lb. drs. D	.14%	.15	Carlots, wks.....D	.24	.25	Drums, lc/l wks.....100 lb	2.05	2.30
Hydrate, 500 lb. bbls.....D	...	.05	Sublimed.....D	.55	.60	Imported, spot.....100 lb	...	...
Iodide, 5 lb. box.....D	...	5.15	Beta-Naphthylamine, tech. 200 lb. bbls. ....D	.65	.67	Blue Ointment, see Mercury		
Nitrate, 700 lb. casks.....D	...	.10	Sublimed, 200 lb. bbls.....D	...	1.35	Mass, see Mercury		
Import casks.....D	.08%	.09	Bichloride Mercury, see Mercury Bichloride			Bone Ash, 100 lb. kegs.....D	.06	.07
Sulfocyanide 400 lb. bbls.....D	...	.35	BISMUTH metal, 150 lb. cases.....D	...	2.42	Black, 200 lb. bbls.....D	...	.06
Sarytes, coated 350 lb. bbls.....ton	33.50	35.00	Second Hands.....D	2.50	2.60	Borax, USP, crys. 400 lb. bbls. D	.05%	.06
Say Rum Porto Rican, genuine			Ammon. Citrate, USP 5 lb. bbs. D	...	5.85	Powdered, USP, 300 lb. bbls. D	.05%	.06
Medicated salicy. acid or tartar emetic			Betanaphtholate, 5 lb. bbs.....D	...	3.30	Kegs, USP, 100-150 lb.....D	.06	.08%
45 gal. bbls.....gal	1.35	1.55	Citrate, USP 5 lb. bbs.....D	...	3.00	Bordeaux Mixture, 16% pd. bbls. D	.12	.16
Medicated quinine sul. 45 gal. bbls. ....gal	1.35	1.55	Nitrate, 25 lb. jars.....D	...	2.00	Paste, bbls.....D	.08	.10
Domestic synthetic, 50 gal. bbls. ....gal	.90	1.00	Oxychloride, 250 bbls.....D	...	3.50	Borneol, 1 lb. bot.....D	...	3.50
St. Thomas			Phenolsulfonate, 5 lb. cans.....D	...	3.30	Bromide, see potas. bromide, etc.		
Medicated salicy. acid or tartar emetic, 50 gal. bbls. gal	1.35	1.55	Salicylate, 250 bbls.....D	...	1.95	Bromine, bot. in 60 lb. ca. wks. D	...	.20
Benzaldehyde, tech. 945 lb. drs. wks.	.75	.80	Subcarbonate, USP, 250 bbls. D	...	3.40	Bromobenzene, 600 lb. drums.....D	.40	.42
USP, 40 lb. chys.....D	1.50	1.60	X-Ray diag. 1 lb. bot.....D	...	3.93	Bromoform, USP 5 lb. bot 50 lb. cs. D	...	1.65
FFC, 40 lb. chys.....D	1.60	1.75	Subgallate, USP, 175 lb. bbls. D	...	2.80	Brucine Sulfate, 100 oz.....oz	.15	.25
BENZENE, 90% 8000 gal. tanks wks.	...	.23				Butter of Antimony, see Antimony Chloride		
110 gal. drs. wks.....gal	...	.35				CADMIUM, metal 100 lb. bbs.....D	.95	1.00
* Pure, Tanks wks.....gal	.34	.35				Bromide, 50 lb. cases jars.....D	...	1.20
110 gal. drs. wks.....gal	.29	.30				Iodide, 10 lb. bot.....D	...	4.45
						Sulfide, cs. ....D	1.50	1.80

"Baker's Analyzed"



The reliable quality of Baker's Analyzed Chemicals and Acids has led to their adoption wherever the highest value is placed on scientific accuracy.

Hydrochloric Acid	Nitric Acid
In carboys, net weight 115 lbs.	In carboys, net weight 135 lbs.
In standard cases, 10 6-lb. bottles.	In standard cases, 10 7-lb. bottles.
Sulphuric Acid	Ammonia
In carboys, net weight 180 lbs.	In carboys, net weight 85 lbs.
In standard cases, 10 9-lb. bottles.	In standard cases, 10 4-lb. bottles.

J. T. BAKER CHEMICAL COMPANY
Phillipsburg, N. J.

New York Representative: H. B. PRIOR

17 East 42nd Street

Phone: Vanderbilt 9490

C. P. ACIDS and AMMONIA

Hydrochloric Acid, C. P.

HCl M. W. 36.46

Analysis

Sp. Gr.....	1.18-1.19	Fe.....	.0002%
HCl.....	35.4-37.5%	As.....	Trace
SO ₂	None	N. V. M.....	.002%
Cl.....	None		

Lot No. 12324

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Immediate truck deliveries from warehouse stocks in Birmingham, Ala., Boston, Buffalo, Chicago, Cincinnati, O., New York City, Philadelphia.

In 10 gallon carboys and in 1/2 gallon bottles packed 10 bottles to standard case.

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<p>New Haven New Orleans New York Paterson Philadelphia St. Louis St. Paul</p>		

THE CLEVELAND-CLIFFS IRON CO.
UNION TRUST BUILDING
CLEVELAND, O.

Methyl Acetone

Chemicals

CAFFEINE ALK, USP 5 lb cans..D	3.75	: 4.25	CAMPOR, Amer. ref: 250 lb			Chalk, drop 175 lb bbls.....D	...	: .03%
Second Hands	3.65	: 3.75	bbls. ....	...	: .93	Precip. light 250 lb cks.....D	.04%	: .04%
Hydrochloride, 1 lb bot.....D	...	: 6.65	2 1/2 lb slabs, 100 lb cs.....D	...	: .94	Precip. heavy 560 lb cks.....D	.03%	: .04
Sulfate, 1 lb bot.....D	...	: 6.02	1 lb cakes, 100 lb cs.....D	...	: .94%	Bulk	5.00	: 8.00
Citrate, 25 lb cans.....D	3.15	: 3.35	1 oz. tab., 1 lb ctas.....D	...	: .98%	Precip. English, 7 lb bags.....D	...	: .01%
Hydrobromide, 1 lb bot.....D	...	: 4.75	100 lb cs. ....	...	: .99	Charcoal, Bone, see bone black		
CALCIUM Acetate, 150 lb bgs, c/l			1/4 oz. tab., 1 lb ctas.....D	...	: .99	Wood, powd. 100 lb bbl.....D	.04	: .05
100 lb .....	...	: 3.50	100 lb cs. ....	...	: .99	Willow, powd. 100 lb bbl.....D	.04	: .07
Arsenate, 100 lb bbls. c/l wks..D	.11%	: .13	Jap ref 2 1/2 lb slabs, 100 lb	.77	: .78	China Clay, Dom., crude.....D	6.00	: 8.00
Bromide, 100 lb cs.....D	...	: .50	cs. ....	...	: .78	Washed & Ground	10.00	: 20.00
Carbide, 220 lb dr. c/l wks..D	...	: .04%	1 oz. tab., 100 lb cs. 1 lb.	...	: .97	Imp., Filler Clay	16.00	: 18.00
Drums 1c/l wks.....D	...	: .05	tins .....	...	: .97	Coating	20.00	: 40.00
Carbonate, tech. 100 lb bags			1/4 oz. tab., 100 lb cs. 1 lb	...	: 1.00	Chloral Hydrate, USP 100 lb drs..D	.70	: .75
c/l	1.00	: 1.10	tins .....	...	: 1.00	25 lb jars .....	.75	: .80
USP, precip. 175 lb bbls.....D	...	: .04	Chinese ref. 2 1/2 lb slabs 100 lb	...	: ...	Chinoidin, 140 lb drs.....D	...	: .55
Chloride, solid, 650 lb drs. c/l	...	: 24.50	cs. ....	...	: .58	Chloramine-T, 5 lb bot.....D	1.25	: 2.50
Imp. shipment .....	...	: 19.00	Crude, 100 lb cs.....D	.58	: .60	Chlorosene, 5 lb bot.....D	.55	: .75
Gran., 350 lb drs. c/l f.o.b.			Campor, Monobrom, 100 lb cs..D	1.75	: 1.85	Chlorhydrin, Ethylene anhyd. 600 lb		
NY .....	...	: 30.50	Caramel, 50 gal. bbls.....gal	.60	: .62	dra .....	.75	: .85
Flake 350 lb drs. c/l drs. f.o.b.			Carbazol, 250 lb bbls.....D	...	: .50	40% soln. 100 lb cys.....D	.35	: .30
NY .....	...	: 30.50	Carbon Bisulfide, 500 lb drs. 1c/l NY	...	: .08%	CHLORINE, Liquid 2000 lb cyl	...	: .04%
Anhyd., 350 lb drs. f.o.b. NY..D	.13	: .20	c/l drums, NY.....D	...	: .08	c/l wks.....D	...	: .04%
Glycerophosphate, 250 lb bbls..D	1.50	: 1.60	Carbon Black, 12 1/2 lb bags.....D	.12	: .15	Tank car lots, wks. Contract..D	...	: .05%
Hydrate, (see Lime)			Carbon Dioxide, Liquid, 20-25 cpl.	...	: .08	100 lb cyl. c/l .....	.08%	: .07%
Hypophosphite, USP, 25 lb cans..D	.60	: .65	Carbon Tetrachloride, 1400 lb drs.	...	: .08	100 lb cyl. 1c/l wks.....D	.08%	: .07%
Iodide, 5 lb bot.....D	...	: 4.40	NY .....	.08%	: .09%	Chlorobenzene, mono. 1000 lb drs.	.10	: .11
Lactate, tech. 500 lb bbls.....D	...	: .13%	Drums, c/l NY.....D	.08	: .08%	dra. c/l wks.....D	.08	: .08%
U.S.P. ....	.50	: .60	700 lb drs. single NY.....D	.08%	: .09%	Tank car lots wks.....D	...	: .08
Nitrate, 220 lb bbls, c/l NY ton	...	: 40.00	Carmine, No. 40 5 lb boxes.....D	4.75	: 4.85	CHLOROFORM, USP 50 lb drs..D	...	: .35
Phosphate, tech. 350 lb bbls..D	.09	: .10	Caseln, adib., 100 lb keg.....D	.40	: .45	Second Hands, 650 lb drs.....D	.33	: .34
Phosphate, precip. tribasic 200			Technical, 200 lb bbls.....D	.10%	: .12	Technical, 650 lb drums.....D	.32	: .33
D bbls, wks.....D	...	: .14	Castoreum, 1 lb boxes.....D	4.00	: 4.50	Chromium Acetate, 20° soln. 400 lb		
Phosphate, mono, 325 lb bbls..D	.07	: .08	Castor Oil, USP 50 gal. bbls.....D	...	: .15%	bbls. ....	.08	: .10
Sulfocarbonate, 100 lb kgs.....D	.55	: .57	Cases, 80 lb 2 tins.....D	...	: .15%	Fluoride, Powd. 400 lb bbls.....D	...	: .80
Calomel, see Mercury			Tech. see Fixed Oils			Soln. 400 lb bbls.....D	...	: ...
			Caustic Potash, see potash, caustic			Sulfate, 400 lb bbls.....D	.07	: .09
			Soda, see soda, caustic			Chrysarobin, USP, 5 lb cans.....D	...	: 2.85
			Cellulose Acetate, 100 lb cases..D	1.75	: 2.00	Chinoidin alk., psd. 100 oz. tins	...	: .60
			Cerium Oxalate, USP 100 lb kgs..D	.35	: .38	Crystal	: .65
						Sulfate, 1000s. tins	: .40

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Cinchonine alk., pvd. 100oz. tinsos	...	: .38	CUPPER, metal electrolytic c/l			Diethyl Sulfate tech. 50gal. drs. D	.20	: .25
Crystal	...	: .43	NY	100 lb	13.50	CP Drums	.40	: .50
Sulfate, 100 oz. tins	...	: .25	Lake, c/l NY	100 lb	13.65	Digitalin, Pure, 1 oz. vial	9.75	: 10.25
Citrine Ointment, see Mercury			Casting, c/l NY	100 lb	13.25	Dimethylaniline, 840 lb dra. wks. D	.37	: .39
Coal Tar, Tks. & bbls., wks. gal	.06	: .08	Carbonate, 400 lb bbls.	D	.17	Dimethylsulfate, 100 lb dra.	...	: .50
Cobalt metal, 100 lb kegs.	...	: 3.00	Chloride, 250 lb bbl.	...	: .25	Dinitrobenzene, 400 lb bbls.	.16	: .17
Cobalt Oxide, 500 lb bbls.	...	: 2.10	Cyanide, 100 lb dra.	D	.45	Dinitrochlorobenzene, 400 lb bbls.	.18	: .19
10 lb tins, 200 lb cases.	...	: 2.45	Iodide, 5 lb bot.	...	: 5.95	Dinitrophenol, 350 lb bbls.	.32	: .34
COCAINE alk., USP, 1 oz. vial.	...	: 10.90	Oxide, red 1000 lb bbls. ton lots	.17	: .18	Dinitrotoluene, 300 lb bbls.	.18	: .19
Hydrochloride, USP—1 oz. vial.	...	: 7.97	Sub-Acetate, verd. 440 lb bbls.	D	.23	Dionin, see Morphine, Ethyl		
25 oz.	...	: 7.50	SULFATE, crys. 450 lb bbls. 1c/l			Diphenylamine, 250 lb bbls.	.48	: .50
In 1/4 oz. vials.	...	: 7.50	spot	100 lb	5.00	Diphenylguanidine, 170 lb bbls.	1.10	: 1.15
In crystals, granular, powder, or flaky crystals as desired.			Carlots, bbls. f.o.b. NY	100 lb	4.85	Dover's Powder, USP 5 lb tins	2.30	: 2.30
Cocoa Butter, bulk, 200 lb bales.	.26	: 26 3/4	Carlots, bbls. delivered	100 lb	5.10	Dubokine Sulfate, 1 oz. vial	...	: 30.07
Fingers, cakes, etc. 12 lb bms.	.34	: .35	Imp. 550 lb cases	100 lb	4.50	EARTH, Diatomaceous, see Kieselguhr		
CODEINE alk., 1 oz. via. 10 oz. lots	...	: 8.27	Powered, 350 lb 5 bbls.	D	5.75	Emetine alk., 15 gr. vials	...	: 1.30
Hydrobromide, 1 oz. via, 10 oz. lots	...	: 7.43	Copperas, bulk c/l wks.	ton	18.00	Hydralide, USP 1 oz. vial	17.00	: 17.50
Hydrochloride, 1 oz. via, 10 oz. lots	...	: 8.27	200 lb bgs, c/l wks.	ton	18.00	15 gr. vials	...	: .75
Nitrate, 1 oz. via, 10 oz. lots	...	: 8.27	400 lb bbls. c/l wks.	ton	20.00	EPSON SALT, tech. 300 lb bbls.		
Phosphate, 1 oz. via, 10 oz. lots	...	: 8.27	Powered, bbls.	100 lb	1.50	NY	...	: 2.15
Salicylate, 1 oz. via, 10 oz. lots	...	: 8.27	Sugar, 400 lb bbls.	100 lb	1.25	Bbls. c/l NY	...	: 2.00
Sulfate, 1 oz. via, 10 oz. lots	...	: 7.43	Corn Syrup, 42 deg. 50 gal.	...	: 3.56	100 lb bgs. c/l NY	...	: 1.80
Small Sizes, 1/4 oz. vials, 50c extra, 1/2 oz. 30c extra, singles 7c extra per oz.—25 oz. lots, 10c cheaper than above. Less than 10 oz. 15c oz. higher than above.			bbls.	100 lb	3.61	Imp., 220 lb bgs. c/l	...	: 2.50
COD LIVER OIL, Norwegian, 30 gal. bbls.	25.50	: 26.50	43 deg. 50 gal. bbls.	100 lb	3.61	NY	...	: 2.50
Newfoundland, 30 gal. bbls.	...	: ...	44 deg. 50 gal. bbls.	100 lb	3.68	Carlots, bbls.	100 lb	: 2.15
Colchicine alk., USP 1 oz. vial.	...	: 15.07	45 deg. 50 gal. bbls.	100 lb	3.75	USP, 300 lb bbls.	100 lb	: 2.25
Salicylate, 1 oz. vial.	...	: 45.00	Corrosive Sublimate, see Mercury Bichloride			Imported, 400 lb bbls.	100 lb	: 2.50
Collection USP 30 lb drums.	...	: .23	Cotton Soluble, 100 lb bbls. wet.	D	.40	100 lb kegs	...	: 6.35
			Coumarin, 25 lb tins	D	5.85	Ergotin, Bonjean, 1 lb jars	...	: 34.07
			Second Hands	D	3.80	Salicylate, USP 1 oz. vial	...	: 16.07
			CREAM TARTAR, USP, 300 lb bbls.			Sulfate, USP VIII, 1 oz. vial	...	: 11.07
			Imp. powd. USP, 224 bbls.	D	.21	ETHER, USP 55 lb drums	...	: .13
			Cresote, USP, 42 lb chys.	D	.45	Anaesthesia, 55 lb drums	...	: .16
			Carbonate, 1 lb bot. 25 lb D	1.70	: 1.90	USP, 1880 55 lb drums	...	: .40
			Cresote Oil, 50 gal. dra.	...	: .23	Washed, 55 lb drums	...	: .32
			Cresol, USP, 400 lb drums	...	: .33	Motor, 1 lb cans	...	: .27
			Cyanamide, bulk c/l wks. Amm. unit	...	: 2.25	Ether, Nitrow, 1 lb bot.	...	: .95
			DIAMINOPHENOL, 100 lb kegs.	D	3.85	Ethyl Benzyl Amine, 300 lb drs.	...	: 1.35
			Diamididine, 100 lb kegs.	D	4.00			
			Dichlorobenzene, 1000 lb dra.	D	.06			
			Diethylaniline, 850 lb dra.	D	.55			
			Diethyl Phthalate, 25 lb cans.	D	.50			
			1000 lb dra.	D	.40			



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Ethyl Acetate, 99%, 50 gal. drs. gal	1.15	1.18	Gelatin, USP silver lbl. 100 lb. cs. lb	.85	.90	Hydrastinine Hydrochloride, USP 15 gr.		
85-90% Ester, 50 gal. drs. gal	...	1.03	Gold Label, 100 lb. cans. lb	...	...	Hydrastinine Hydrochloride, USP 15 gr.	1.60	
Carlots, drums gal	...	1.00	Technical, 100 lb. cs. lb	.90	.95	Hydrobenzoin 100 lb. kegs. lb	1.98	1.98
Tanks Cars gal	...	.95	CLAUSER'S SALT, tech. 200 lb. bags			HYDROGEN PEROXIDE, 25 vol. 400 lb		
Refined, drums gal	1.77	1.90	1c/l wks. 100 lb	1.15	1.25	bbls. lb	...	.10
Bromide 115 lb. drs. lb	...	.40	350 lb. bbls. c/l wks. 100 lb	1.30	1.35	100 vol. 145 lb. chys. lb	.36	.38
Chloride, 15 lb. c/l. lb	...	.35	Bbls. 1c/l wks. 100 lb	1.50	2.06	USP Soln. 875 lb. bbls. lb	.05	.05 1/2
Methyl Ketone, 50 gal. drums. lb	.25	.25 1/2	Imported, bbls. spot. 100 lb	.95	1.00	100 vol. 145 lb. chys. lb	...	.48
Morphine, see Morphine, Ethyl			USP, 300 lb. bbls. imp. sp. 100 lb	...	1.25	USP bot. 4 oz. cases. gross	8.00	8.25
Ethylene Bromide, 600 lb. drs. lb	...	.40	USP, 300 lb. bbls. dom. sp. 100 lb	...	1.75	Bot. 8 oz. cases. gross	11.75	12.00
glycol lb	.85	1.00	USP, 300 lb. bbls. c/l wks. 100 lb	...	1.40	Bot. 16 oz. cases. gross	19.75	20.00
Chlorhydrin, anhyd. 50 gal. drs. lb	.75	.85	Calcined, see Sodium Sulfate			Hydroquinone, 100 lb. kegs. lb	1.40	1.50
40% Solution, 50 gal. drs. lb	.35	.30	Glucose, (Grape Sugar) dry, 100			Hyocine Hydrobrom. USP 1 oz.		
Nichloride, 50 gal. drs. lb	.20	.25	70° bags, c/l NY. 100 lb	3.50	3.94	vial oz	...	9.57
Ethylideneaniline lb	...	.70	Syrup, Drs. & bbls. c/l NY. 100 lb	3.36	3.61	Pine ozs., 1 oz. vials. oz	...	9.00
Eucalyptol, 25 lb. cans. lb	.82	.85	1c/l NY. 100 lb	3.46	3.71	Hyoscyanine Alk. Cryst., 1 oz. vial. oz	...	20.07
Formosan, bulk ton	20.00	25.00	GLUE, pure white, bbls. lb	.25	.30	Alkaloid, Amorphous, 1 oz. vial. oz	...	75.07
FERRIC CHLORIDE, tech. crys.			Medium white, bbls. lb	.15	.23	Hydrobromide, USP 1 oz. vial. oz	...	25.07
475 lb. bbls. lb	...	.07	French, bbls. lb	.18	.25	Sulfate, 1 oz. vial. oz	...	20.07
Imported lb	...	.06 1/2	High Grade, bbls. lb	.35	.40	INDOL, C. P., 1 oz. bot. oz	6.00	6.50
USP, crys. 100 lb. kegs. lb	...	.08	Bone, regular, bbls. lb	.10	.12	Iodides, see Potass. Iodide, etc.		
Imported lb	...	.07 1/2	Fish, bbls. gal	1.50	1.75	IODINE, crude, 200 lb. kegs. lb	...	3.79
Neut. Sol'n 40° 140 lb. chys. lb	...	.06	GLYCERIN, C. P. 550 lb. drums. lb	.17	.17 1/2	Resublimed, 10 lb. jars lb	...	4.40
48°, 140 chys. lb	...	.08	Cans, 50 lb. lb	.18 1/2	.19	Tincture, USP, 50 gal. bbls. gal	4.10	4.25
USP Sol'n 125 lb. chys. lb	...	.05 1/2	Dynamite, 100 lb. drs. lb	.18 1/2	.16 1/2	Carboys lb	4.30	4.40
Ferrous Chloride, crys. tech.			Saponification, tanks lb	.12 1/2	.12 1/2	Iodoform, powd. 10 lb. bot. lb	...	5.25
475 lb. bbls. lb	.06	.06 1/2	Soap, Lye tanks. lb	.11	.11 1/2	Crystals, 10 lb. bot. lb	...	5.25
Ferrous Sulfide, 1000 lb. bbls. 100 lb	2.50	3.00	Gua. Powder, see chrysarotin			Iridium, metal 100s. lots. oz	...	250.00
Flake White, see lead, white			Graphite, crude 220 lb. bags. ton	15.00	35.00	Iron, metal by hydrogen 1 lb. bot. lb	.80	1.00
Fluorspar, 95% 220 lb. bgs. ex-			Flake, 500 lb. bbls. lb	.05	.09	IRON & AMM. CITRATE, USP 25 lb.		
dock ton	...	25.00	Ground, lump, bbls. lb	.04	.05	cans lb	...	.79
96% bgs. ton	...	35.50	Guaicol liquid, USP, 25 lb. cans. lb	2.35	2.45	Green scales, 25 lb. cans. lb	...	.79
98% bgs. ton	...	35.00	Benzoate, 1 lb. bot. lb	...	18.00	Caedylate, 10 lb. bot. lb	6.50	6.75
FORMALDEHYDE, USP 400 lb. bbls.			Carbonate, 5 lb. boxes. lb	4.60	4.75	Citrate, USP VIII 25 lb. cans. lb	.99	1.01
c/l wks. lb	...	.11	Second Hands lb	3.75	4.00	Chloride, see ferric or ferrous		
Carboys, 100 lb. 1c/l wks. lb	.12	.12 1/2	MAARLEM OIL, Dom. d gr. cs. gross	...	3.50	Hypophosphite, 5 lb. cans. lb	1.50	1.60
Bbls., 400 lb. 1c/l wks. lb	.11 1/2	.11 1/2	Imported, 5 gr. cases. gross	5.15	5.25	Syrup, USP VIII. lb	...	.30
Second Hands lb	...	.11	Halesome, 5 lb. bot. lb	2.75	3.25	Iodide, 1 lb. bot. lb	...	4.22
Fossil Flour lb	...	.04	Hexamethylenetetramine, USP			Syrup, USP, 5 lb. bot. lb	.35	.36
Formandine lb	...	.50	100 lb. drums lb	.75	.77 1/2	Nitrate, kegs lb	.09	.10
Fuller's Earth, 200 lb. bgs. c/l			Imported lb	.67	.68	Com'l, bbls. 100 lb	2.75	3.25
mines ton	15.00	17.00	Rubber Makers, Impalp. Pd			Oxalate scales 25 lb. cans. lb	.85	.88
Imported, 230 lb. bgs. NY. ton	35.00	40.00	drs. lb	.82 1/2	.85	Oxide red, Spanish. lb	.03 1/2	.07 1/2
Fusel Oil, refined, 50 gal. drum. gal	4.25	4.50	Homatropine Hydrobrom. USP 1 oz.			& Ammon. Oxalate 25 lb. bxs. lb	.42	.45
Crude, 50 gal. drum. gal	2.50	3.00	vial oz	...	14.57	& Potassium Oxalate, 25 lb. bxs. lb	.45	.47
G SALT, paste 350 lb. bbls. basts			Pine ozs., 1 oz. vials. oz	...	13.60	& Sodium Oxalate, 25 lb. bxs. lb	.41	.43
100% lb	.60	.65	Hydrastine Alk., USP, 1 oz. vial. oz	14.00	14.57	Phosphate, USP 25 lb. cans. lb	.79	.81
			Hydrochloride, USP, 1 oz. vial. oz	...	14.57	Pyrophosphate, USP 25 lb		
			Sulfate, 1 oz. vial. oz	...	16.07	cans lb	.84	.86

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JALAP RESIN, lump 5 lb tins..lb	3.25	: 3.35
Powd. tins.....lb	3.40	: 3.50
Kapoc, 160 lb double bales...lb	.28	: .30
KIESELGUHR, 95 lb bags NY...ton	60.00	: 70.00
LANOLIN, see Adeps Lanae		
LEAD, metal c/l NY.....100 lb	8.50	: 8.75
Acetate, white crystals 500 lb		
bbls. wks.....lb	..	: .15
100 to 250 lb kgs. wks..lb	..	: .15 1/2
White, broken, bbls. wks.100 lb	..	: 14.40
White, gran., bbls. wks.100 lb	..	: 14.65
White, powd., bbls. wks.....lb	..	: 15.75
Kegs, wks.....lb	..	: .16 1/4
Brown, broken, bbls. wks...lb	..	: .14
USP, 100 lb kegs.....lb	..	: .17
Arsenate, 100 lb bbls. 1c/l wks..lb	.21	: .26
Bbls. c/l wks.....lb	.19	: .20
Pasta, 600 lb bbls.....lb	.11	: .16
Iodide, USP VIII 5 lb bot.....lb	3.20	: 3.40
Nitrate, 500 lb bbls.....lb	..	: .12
Oxide, lithop., 500 lb bbls.....lb	..	: .11 1/2
100 lb kegs, wks.....lb	..	: .12 1/2
Oxide, red 500 lb bbls, wks.....lb	..	: .12
100 lb kegs wks.....lb	..	: .11 1/4
Peroxide, 100 lb drs.....lb	.25	: .30
White, basic carb. 500 lb bbls.		
wks.....lb	..	: .10 1/4
Bbls c/l wks.....lb	..	: .10 1/4
100 lb kegs wks.....lb	..	: .15
White, sulfate 500 lb bbls. wks..lb	..	: .09 1/4
Bbls c/l wks.....lb	..	: .09 1/4
Licorice Ext. Mass, cases.....lb	.25	: .26
Compound powder, bbls.....lb	.11	: .13
Powdered.....lb	.38	: .40
Sticks, 1 oz. 100 lb cases.....lb	.45	: .50
LINE (Salts, see Calcium Salts)		
Live, 325 lb bbls. ton lots, wks..lb	..	: .01 1/4
Single bbl. wks.....lb	..	: .01 1/4
Hydrated, 167 lb bbl, ton lots, wks.		
Single bbl. wks.....lb	..	: .01 1/4
Single bbl. wks.....lb	..	: .01 1/4
Oyster Shell, 150 lb bbl. single..lb	..	: .03 1/4
125 lb bag.....lb	..	: .03 1/4
Sulfur, dry 200 lb drs. NY...lb	.08	: .10
Drs. c/l NY.....lb	..	: .10 1/4
33° Soln. 50 gal. bbls. NY.gal	.15	: .16

Linalool, 5 lb bot.....lb	4.50	: 5.00
Litharge, see lead oxide		
Lithium Carb. USP, 100 lb kgs..lb	1.50	: 1.60
Bromide, 100 lb cs.....lb	1.75	: 1.85
Citrate, USP, 100 lb kegs.....lb	1.70	: 1.75
Iodide, 5 lb bot.....lb	..	: 7.50
Lithopone, 400 lb bbls. 1c/l wks..lb	..	: .07 1/4
Bbls. c/l wks.....lb	..	: .06 1/4
Bags, c/l wks.....lb	..	: .06 1/4
Imported, 400 lb bbls.....lb	..	: .05 1/4
Litmus Cubes.....lb	.90	: 1.00
MAGNESITE, crude.....ton	..	: 15.00
Calcined, 500 lb bbls.....ton	..	: 55.00
Magnesium mt. sticks 100 lb cs..lb	1.25	: 1.30
Carb. tech. 70 lb bags NY...lb	.08	: .08 1/4
75 lb bbls. NY.....lb	..	: .09 1/4
USP, 60 lb bbls.....lb	.12	: .14
USP, blocks 100 lb cs. 1, 2, 4	..	: .19
Chloride, fused 575 lb drs. c/l		
wks.....ton	..	: 34.00
Flaked, 350 lb drs. wks c/l ton	..	: 36.00
Imp., fused 900 lb bbls NY.ton	26.00	: 28.00
Fluomilicate, crystals 400 lb bbls.		
wks.....lb	.12	: .15
30% soln. 500 lb bbls. wks..lb	.07	: .07 1/4
Soln. bbls. c/l wks.....lb	..	: .06
Glycerophosphate, 5 lb tins.....lb	..	: 3.40
Hypophosphite, 5 lb cans.....lb	..	: 1.05
Oxide, USP light 100 lb bbls..lb	..	: .42
USP, heavy 250 lb bbls.....lb	..	: .50
Peroxide, 5 lb cans.....lb	..	: 2.40
Perborate, 1 lb tins.....lb	..	: 2.62
Salicylate, 100 lb kegs.....lb	..	: .75
Sulfate, see Epom Salts		
Manganese Chloride, 600 lb esk.		
NY.....lb	.09 1/4	: .10
Borate, 30%, 200 lb bbls.....lb	..	: .24
100 lb kgs.....lb	..	: .25
Dioxide, 80-84% 900 lb bbls.		
NY.....ton	80.00	: 85.00
85-90%, 900 lb bbls. NY.ton	85.00	: 90.00
Hydrated, precip. 100 lb kgs..lb	.15	: .20

Manganese—(continued)		
Glycerophosphate, 5 lb tins....lb	..	: 3.10
Hypophos. USP VIII 5 lb cans..lb	..	: 1.40
Iodide, 1 lb bot.....lb	..	: 6.65
Ore, bulk NY.....unit	.40	: .45
Sulfate, 600 lb casks NY....lb	.09	: .10
Marble Flour, bulk.....ton	10.00	: 12.00
See also Calcium Carbonate		
MENTHOL, USP, 60 lb cases...lb	..	: 13.50
Less cases, 5 lb tins.....lb	..	: 14.00
MERCURY, metal 75 lb flask..flask	74.00	: 76.00
Less Flasks, 5 lb jugs.....lb	..	: .97
Bichloride, cryst. 25 lb bxs.....lb	..	: 1.02
Gran. powd., 200 lb kgs.....lb	..	: .87
Bisulfate, 25 lb boxes.....lb	..	: .86
Blue Mass, 25 lb boxes.....lb	..	: .63
Powdered, 25 lb boxes.....lb	..	: .64
Blue Ointment, USP 25 lb cans		
50%.....lb	..	: .77
USP, dilute 25 lb cans 30%..lb	..	: .57
33 1/3% Mercury.....lb	..	: .67
Calomel, 50 lb bxs.....lb	..	: 1.10
Citrine Ointment 25 lb jars..lb	..	: .54
Iodide, green 25 lb jars.....lb	..	: 4.00
Red, USP 25 lb jars.....lb	..	: 4.10
Yellow, USP VIII 25 lb jars..lb	..	: 4.00
Red Precip. USP 25 lb bxs.....lb	..	: 1.38
Powder, USP 25 lb bxs.....lb	..	: 1.48
White Precip. USP 25 lb bxs...lb	..	: 1.29
Powder, USP 25 lb bxs.....lb	..	: 1.34
With chalk, USP 25 lb bxs...lb	..	: .62
Meta-Nitraniline.....lb	.78	: .80
Meta-Nitro-para-Toluidine, 300 lb		
bbls.....lb	..	: 2.20
Meta-Phenylenediamine, 300 lb		
bbls.....lb	.95	: .98
Meta-Toluylenediamine, 300 lb		
bbls.....lb	.82	: .88

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Chemicals

METHANOL (Wood Alcohol)			NAPHTHA, Solvent, 110 gal. drs.			Oxgall, USP, 5 lb. bot.		
95% tanks	gal	.85	8000 gal. tank cars wks.	.80	.31	Purified, 5 lb. bot.	D	2.00 : 2.00
Drums, c/1	gal	.87		.25	.26	Crude, 5 lb. bot.	D	1.50 : 2.50
Drums, 1c/1	gal	.88	NAPHTHALENE, Flake, 175 lb. bbls.					.80 : 1.25
97% tanks	gal	.88				PALLADIUM, metal 10 oz. lots.		
Drums, c/1	gal	.90			.06%			75.00 : 76.00
Drums, 1c/1	gal	.93	Bbls, c/1 wks.	D	.06%	Pancreatin, USP 5 lb. bot.	D	1.25 : 1.40
* Pure, Acetone free, tins	gal	.90	Bbls, second hands NY	D	.07%	Papain, 10 lb. bot. USP, Powd.	D	2.00 : 2.25
Drums, c/1	gal	.92	Balls, 250 lb bbls. wks.	D	.07%	Crude, 150 lb cases	D	1.80 : 1.85
Drums, 1c/1	gal	.95	Bbls, c/1 wks.	D	.07%	Paraffin, ref'd 200 lb cs. slabs		
Whis Incl 5c higher			Bbls, second hands NY	D	.07%	123-127 Deg. M. P.	D	.05%
Methyl Acetone, 100 gal. drums	gal	.90	Crushed, chipped, bags, wks.	D	.05%	128-132 Deg. M. P.	D	.05%
Tanks, cars	gal	.85	Crude, imp., bags	D	.02%	133-137 Deg. M. P.	D	.06%
Chloride, 90 lb c/1.	D	.50	Nickel Metal, electrolytic 100 lb	D		138-140 Deg. M. P.	D	.07%
Salicylate, USP, 50 lb cases	D	.47	kegs	D	.30	Para-Aminocetanilid, 100 lb		
500 lb drums	D	.45	Ingot, 100 lb kegs	D	.30	kegs	D	1.10 : 1.15
Second Hands, cases	D	.45	Salt, single 400 lb bbls, NY	D	.11	Para-Aminophenol, 100 lb kegs	D	1.16 : 1.35
Methylene Blue, tech. 100 lb kgs	D	1.00 : 1.50	Double, 400 lb bbls, NY	D	.10	Hydrochloride, 100 lb keg	D	1.45 : 1.50
USP, medicinal 5 lb cases	D	2.10 : 2.25	Oxide, 100 lb kegs NY	D	.40	Para-Dichlorobenzene, 150 lb bbls.		
Michler's Ketone, 225 lb bbls.	D	3.75	Sulfate, 450 lb bbls.	D	.07	wks.	D	.17 : .30
Milk, powd., 150 lb bbls.	D	.14 : .15	Nicotine, 8 lb tins	D	1.60 : 1.80	25-50 lb kegs	D	.18 : .22
Milk Sugar, see sugar of milk			Sulfate, 10 lb tins, 40%	D	1.15 : 1.30	Paraldehyde, 100 gal. drs.	D	.43
Mineral Oil, see oil mineral			Nitro Cake, bulk wks.	ton	5.50 : 6.00	Paraformaldehyde, USP 100 lb cs.	D	.50
Mineral Rubber	ton	33.00 : 54.00	500 lb bbls.	ton	13.00 : 14.00	Para-Nitrocetanilid, 300 lb	D	
Monochlorobenzene, see chlorobenzene			Nitrobenzene, crude, 1000 lb drs.	D	.14 : .15	bbls.	D	.55 : .60
Monocetylamine, 900 lb drs.	D	1.00	Redistilled, 1000 lb drs. wks.	D	.09%	PARA-NITROANILINE, 300 lb bbls.		
Monomethyl paramidophenol sulfate			Nitrosaphthalene, 550 lb bbls.	D	.20 : .21	wks. ton	D	.68 : .73
100 lb drs.	D	3.95 : 4.20	Nitrotoluene, mixed 1000 lb drs.	D	.14 : .15	Para-Nitrochlorobenzene, 1200 lb drs.	D	
MORPHINE Sulfate, USP 5 oz. tins			wks.	D	.03%	wks.	D	.20 : .30
10 oz.	oz.	6.95	Ochre	D		Para-Nitro-ortho-Toluidine, 300 lb	D	
Acetate, 5 oz. tins 10 oz. lots.	oz.	6.95	Oil Fuel, see Fuel Oil			bbls.	D	2.75 : 2.85
Hydrobromide, 5 oz. tins 10 oz.	oz.	6.95	OIL MINERAL, wh. 50 gal. bbls. gal			Para-Nitrophenol, 185 lb bbls.	D	.70 : .75
lots	oz.	6.95	Oil Mirbane, see nitrobenzene	1.00	1.25	Para-Nitrosdimethylaniline, 120 lb	D	
Hydchloride, 5 oz. tins 10 oz.	oz.	6.95	Opium, see crude drugs			bbls.	D	.95
Diacetyl Alk., 1/2 oz. vials.	oz.	10.75	Orange Mineral, 800 lb cases NY	D	.15%	Para-Nitrotoluene, 350 lb bbls.	D	.47
Hydchloride, 1/4 oz. vials.	oz.	9.75	500 lb bbls. NY	D	.18	Para-oxo-Benzaldehyde, 100 lb		
Ethyl Hydchloride, 1/4 oz. vials.	oz.	10.95	Ortho-Aminophenol, 50 lb kegs	D	2.40 : 2.50	kegs	D	1.50 : 1.60
Small Sizes: 1/4 oz. vials, 50c extra;			Ortho-Anisidine, 100 lb drs.	D	3.00	Para-Phenetidin, 500 lb drs.	D	1.55 : 1.80
1/4s 25c extra; single oz. vials, 7c ex-			Ortho-Dichlorobenzene, 1000 lb drs.	D	.08 : .08	Para-Phenylenediamine, 350 lb	D	1.35 : 1.40
tra, over price for 5 oz. tins. 25 oz.			Ortho-Nitrochlorobenzene, 1200 lb	D	.35 : .40	bbls.	D	.40 : .41
lots in 5 oz. tins, 10c. or lower than			drz. wks.	D	1.25	Para-Toluene-Sulfonamide, 175 lb	D	
above schedule. Low than 10 oz. lots			Ortho-Nitrophenol, 350 lb 3 bbls.	D		bbls.	D	
15c. or higher than above schedule.			Ortho-Nitrotoluene, 1000 lb drs.	D	.10 : .11	Para-Toluene-Sulfonchloride, 410 lb	D	.13 : .30
Musk Ambrette, 1 lb cases	D	15.00 : 17.00	wks.	D	.13 : .15	bbls. wks.	D	.80 : .85
			Ortho-Toluidine, 350 lb bbls.	D				



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Chemicals

PARIS GREEN		
Arsenic Basis, 500 lb. kegs....	.30	.32
Kegs, 100 lbs.....	.32	.33
Kits, 56, 28, 14 lbs.....	.34	.35
Packages, 5 and 2 lbs.....	.36	.37
Packages, 1 lb., 1/2, 1/4 lb.....	.39	.43
Paris White, see whitening, French		
Pepsin, USP 5 lb. bot.....	2.35	2.50
PETROLATUM, green 300 lb. bbls.	.03%	.03
Dark Amber 300 lb. bbls.....	.03%	.04
Light Amber, 300 lb. bbls.....	.04%	.05
Cream White, USP 300 lb. bbls.	.07	.07%
Lily White, USP, 300 lb. bbls.	.09	.09%
Snow White, USP, 300 lb. bbls.	.12%	.13
Phenol, see also acid carbolic		
American makers, drums wks....	...	...
Open market, dra.....	.31	.32
240 lb. dra. wks.....	...	...
Natural, 240 lb. dra. wks.....	...	...
Imported, 336 lb. dra. wks.....	...	...
Phenolphthalein, USP, 100 lb. dra.	1.40	1.50
5 lb. cans, 100 lb. lots.....	1.50	1.60
Phenyl-Alpha-Naphthylamine 100 lb.	...	...
kegs.....	...	...
Phenylethylalcohol, 1 lb. bot.....	6.75	8.75
Imported.....	7.75	9.75
Phosgene, 100 lb. cylinders.....	...	1.00
Phosphorus Oxichloride, 175 lb. cyl.	.35	.40
Phosphorus, red 110 lb. cs. wks....	.75	.85
Imported, 112 lb. cases.....	...	...
Yellow, 110 lb. cs. wks.....	.40	.45
Imported, 112 lb. cases.....	...	...
Phosphorus Trichloride, 175 lb. cyl.	...	.45
wks.....	...	.45
Phthalic Anhydride, 100 lb. bbls.	...	.30
Pilocarpine Hydrochloride, USP 25 cs.	...	...
lots, 1 oz. vials.....	3.00	3.32
Nitrate, 25 oz.....	...	3.06
Single ounces.....	...	3.32
Alkaloid, 15 gr. vls.....	...	.85

Piperazine Hydrate, 1 lb. bot....	...	16.00
Pitch, Coal-Tar, wks.....	ton	30.00 : 33.00
Plaster Paris, tech 250 lb. bbls.bbl	...	3.30
True Dental, 300 bbls.....	bbl	4.50
Platinum, metal soft 10 oz. lots..oz	...	118.00
Podophyllin, 5 lb. bot.....	...	6.00 : 6.25
Second Hands.....	...	5.95 : 6.00
POTASH, CAUSTIC, solid 88-92%		
700 lb. dra. wks.....	...	.07%
Imp., 88-92% 700 lb. dra. NY..lb	...	.06%
USP, by alcohol 5 lb. cans.....	...	.46 : .48
cases.....	...	.30 : .35
POTASSIUM Acetate, USP, 100 lb.		
kegs.....	...	.29 : .30
Bicarbonate, crys. 220 lb. bbls.	...	.13
Bichromate, crys. 300 lb. casks..lb	...	.09%
Fowd., 900 lb. casks wks.....	...	.12
Binoxalate, 300 lb. bbls.....	...	.25 : .28
Import, 112 lb. keg.....	...	.18
Bisulfate, C.P., 5 lb. cans.....	...	.30
100 lb. kegs.....	...	.32
Bromate, 100 lb. cs.....	...	.45
BROMIDE, USP cryst. 450 lb.		
bbls.....	...	.26
Granular, 300 lb. bbls.....	...	.29
Cases, 100 lb.....	...	.30
Imported, USP, 220 lb. cs.....	...	.18 : .19
CARBONATE, 80-85% calc.		
800 lb. cks.....	...	.05%
80-85%, hydrated, 800 lb.	...	...
cks.....	...	.06 : .06%
90-95% calc. casks.....	...	.06%
96-98% calc. casks.....	...	.06 : .06%
99% calc. casks.....	...	.07%
USP, 100 lb. kegs.....	...	.12%
99% CP casks.....	...	.12%

POTASSIUM—(Continued)		
Chlorate, crys. 112 lb. kegs. s/l	...	...
wks.....	...	.08% : .08%
Imp. 112 lb. kegs NY.....	...	...
Fowd., 112 lb. kegs wks.....	...	.08% : .09
Imp., kegs NY.....	...	.07 : .07%
Pyrotechnic, fine powd. NY..lb	...	...
USP, fine crys. 110 lb. kegs	...	...
NY.....	...	.08 : .09
Citrate, USP 10 lb. cans.....	...	.63 : .66
Cyanide 110 lb. cases.....	...	...
Glycerophosphate, 75% Soln. 25 lb.	...	1.60 : 1.70
tins.....	...	...
Guaicol Sulfonate, 5 lb. cans,	...	...
10 lb.....	...	2.00 : 2.25
Hypophosphite, 10 lb. cans.....	...	.80 : .85
Iodide, USP, 100 lb. cases.....	...	2.60 : 2.65
Second Hands, cases.....	...	...
Lactophosphate, 4 cs. bot.....	...	...
Metabisulfite, 300 lb. bbls.....	...	.18 : .20
Imp., 550 lb. bbls.....	...	.10 : .12
Muriate, 80%, 200 lb. bags, NY	...	...
K ₂ O unit.....	...	.68
Nitrate, see Saltpetre	...	...
Oxalate, neutral, 100 lb. kegs....	...	.35 : .40
Perchlorate, 112 lb. kegs.....	...	.09% : .10
PERMANGAN, USP, crys. 500 lb.		
& 100 lb. dra. wks.....	...	.14 : .15
Imp. 112 lb. dra.....	...	.14% : .15
Prussiate, red, 100 lb. bbls.....	...	...
500 lb. casks.....	...	...
Prussiate, yellow, 500 lb. casks..lb	...	.19 : .20
Galicylate, 25 lb. cans.....	...	.60 : .65
Sulfate, 200 lb. bags, NY K ₂ O unit	...	...
USP, VIII, 100 lb. kegs.....	...	.15 : .18
Sulfoeyanide, CP 25 lb. jars.....
Tartrate, neutral, 100 lb. kegs..lb
Titanium Oxalate 200 lb. bbls..lb25 : .30



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THE SELDEN COMPANY
Pittsburgh, Pa., U. S. A.

Chemicals

Fumic Stone, lump, 250 lb bbls. lb	.04 1/2	.06	QUININE—(continued)			Santonin USP, 1 lb bot..... lb	145.00	148.00
Lump, bags..... lb	.03 1/2	.05	Tartrate..... lb	.88		Powd. 1 lb bot..... lb	148.00	150.00
Powdered, 350 lb bbls..... lb	.02 1/2	.03	Valerate..... lb	.89		Saponin, ex Quilaja, 5 lb tins... lb	1.00	1.25
Pyridine, 50 gal. drums..... gal	3.85	4.00	Small Sizes: 1 oz vials or cans,			Satin White, 500 lb bbls..... lb		.01 1/2
QUICKSILVER, see Mercury			5000 lots, 5c on extra; 5000 cans,			Scheffer's Salt, 250 lb bbls. wks. lb	.60	.95
Quinidine Alk., 10000 tins..... oz		.75	5000 lots, 2c on extra; single 100			Scopolamine, see hyoscine.		
Sulfate, 10000 tins..... oz		.50	vials or cans, 5c extra. All minor			Seldits Mixture, 225 lb bbls.... lb	17	18
Quinidine, see Chinidine			quinine salts sold and quoted basis					
QUININE SULFATE, USP.			10000 lots in 10000 cans. Sulfate					
American, 10000 tins..... oz		.50	and bisulfate sold basis 10000					
100 tins, 10000 lots..... oz		.57	lots in 10000 cans. Smaller orders					
Dutch, 10000 tins..... oz		.50	or containers extra as above					
Java, 10000 tins..... oz		.50	schedule.					
Japanese, 10000 tins..... oz		.50	R SALT, 250 lb bbls. wks..... lb	.49	.50			
QUININE ALK., USP, 10000 tins. oz		.67	See Lead, see lead oxide					
Acetate..... oz		.98	Red Precipitate, see mercury					
Asenate..... oz		.88	Resorcin, see resorcinol.					
Benzoate..... oz		.88	Resorcinol tech, 100 lb kgs..... lb	1.35	1.50			
Bisulfate, USP..... oz		.50	IMP. 25 lb cans..... lb	2.25	2.35			
Citrate..... oz		.62	Rocheite Salt, USP, 225 lb bbls... lb	.20	.21			
Dihydride, USP..... oz		.66	Imp. USP, 300 lb bbls..... lb	.10 1/2	.20			
Dihydride..... oz		.66	Rosewater, triple, 5 gal. demis... gal	.90	1.10			
Dicarbonate, 1000 tins..... oz		2.50	Roten Stone, lump imp. bbls... lb	.07	.08			
Ethyl Carbonate, 1600 tins..... oz		.91	Lump selected, bbls..... lb	.09	.12			
Ferrocyanide..... oz		.88	Powdered, bbls..... lb	.02	.06			
Formate..... oz		.85	Prometic, bags, mino..... ton	24.00	30.00			
Glycerophosphate..... oz		.88	SACCHARIN, USP, 1 lb cans, 25 lb					
Iodide..... oz		.88	Soluble, USP, 1 lb cans, 25 lb... lb	1.90	2.10			
Hydrobromide, USP..... oz		.62	Sal Ammoniac, see Ammon. Chloride					
Hydrochloride, USP..... oz		.62	Salicin, USP, 1 lb cartons, 25 lb... lb	4.50	4.75			
Hydrochlorosulfate..... oz		.66	Salol, USP, 100 lb drums..... lb	.80	.90			
Hydride & Urea, USP..... lb		.88	Salt, Common, see sodium chloride					
Hypophosphite..... oz		.83	Salt Cake, c/l f.o.b. wis..... ton	20.00	24.00			
Lactate..... oz		.78	SALTPETRE, Double Refined					
Phenolsulfonate..... oz		.88	Granular, 400-500 lb bbls.					
Phosphate..... oz		.74	c/l wks..... lb	.06 1/2				
Salicylate, USP..... oz		.63	Less c/l wks, bbls..... lb	.06 1/2				
Tannate, USP..... oz		.45	Large Crystals, 350-400 lb bbls.		.08			
			c/l wks..... lb	.07 1/2				
			Small Crystals, 350-400 lb bbls.,		.07 1/2			
			c/l wks..... lb	.07 1/2				
			Powdered, bbls, c/l wks..... lb	.07				
			Imported, 500 lb bbls., NY..... lb	.07				



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Solvay 76% Caustic Soda

Solid—Flake—Ground

Solvay Super Alkali { 15%
36%—45%

Solvay Snow Flake Crystals

Solvay Laundry Soda

Solvay Cleansing Soda

Solvay Tanners Alkali

Solvay Tanners Soda

Solvay Liquid Caustic Soda

Solvay Calcium Chloride 73%—75%



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Chemicals

SODA CAUSTIC—(Continued)

Contract basis 76% c/l wks.	100 lb	...	3.10
Pmp and spot. Basis 76% c/l wks.	100 lb	...	3.20
Contract 74% low grade c/l wks. flat	100 lb	...	3.02
round & flake, 76% pmp and spot, wks c/l drs.	100 lb	...	3.60
Contract, 76% drums, c/l wks flat	100 lb	...	3.50
USP, stick, 10 lb cases	100 lb	...	.19
Pure, stick, by alcohol	100 lb	...	.25
SODIUM ACETATE, crys. 450 lb bbls wks.	...	.05	.05%
Ton lots, bbls, wks.	...	.05	.05%
Imp., 500 lb cases	...	...	...
Aluminum Sulfate, see alum soda	...	...	...
Arsenite, 50 gal. drums	...	...	1.00
Benzoate, USP, 100 lb bbls	...	...	.65
Bicarbonate, 400 lb bbls. NY 100 lb Bbls. c/l wks.	...	...	2.25
112 lb kegs wks.	...	...	2.00
112 lb kegs. NY.	...	...	2.25
Bichromate, 600 lb cases wks.	...	...	.07%
Casks, c/l wks.	...	...	.07%
Casks, NY	...	...	.07%
Bisulfite, dry powder, 500 lb bbls, wks.	...	...	.04
Solution, 32-40°, 500 lb bbls wks.	...	...	1.25
Bromate, 100 lb cs.	...	...	1.05
Bromide, USP, 450 lb bbls	...	...	.27
Cases, 100 lb	...	...	.28
Imp. USP, 112 lb cs.	...	...	.23
Caecodylate, USP, 5 lb box, 25 lb	...	...	5.50
Carbonate, sal soda, 350 lb bbls	...	...	1.30
lc/l NY	...	...	1.00
Works c/l	...	...	1.00
Monohydrate, 400 lb bbl.	...	...	...
lc/l	...	...	2.45
Pure photographic, 100 lb keg	...	...	.06

SODIUM—(Continued)

Chlorate, 112 lb kegs, wks.	...	.08%	.08%
Imported, 112 lb kegs.	...	.08%	.07
Chloride, tech. 200 lb bags.	...	13.00	13.00
C. P., 300 lb bbls.	...	.05	.08
Chromate, 800 lb bbls.	...	...	.08
Citrate, USP, 1X, 100 lb kegs.	...	.62	.68
USP, VIII, 100 lb kegs.	...	.55	.59
Cyanide, 98-98%, 100 lb cases wks.	...	...	.23
Ton lots, wks.	...	...	.23
73-76%, 100 lb cases, wks.	...	...	.19%
125-128%, 200 lb cs.	...	.20	.20%
120-125%, 200 lb cs.	...	.17	.17%
Fluoride, 300 lb bbls, wks.	...	.08%	.09%
Imp. 350 lb bbls.	...	.08%	.09
Glycerophos, USP, crys 25 lb cans	...	1.65	1.75
Powder, 25 lb tins.	...	1.70	1.80
Solution, USP 25 lb tins.	...	1.10	1.20
Hydroxide, see Soda Caustic	...	...	...
Hypochlorite, Soln., 100 lb chys.	...	...	.05
14 1/2% soln., 50 lb chys.	...	...	.04
Hydrosulfite, 200 lb bbls. rob. wks.	...	.22	.24
Hypophosphite, USP, 25 lb cans	...	...	.70
NYPSULFITE, tech. pos. crys., 375 lb bbls. wks.	...	2.90	3.30
Bbls. c/l wks.	...	...	2.75
100 lb kegs wks.	...	3.00	3.60
Imp.	...	...	3.00
Granulated, bbls. wks.	...	3.15	3.55
Bbls. c/l wks.	...	...	3.00
Kegs wks.	...	3.25	3.85
Regular crystals	...	2.65	2.90
Iodide, USP, 25 lb jars.	...	4.25	4.80
Metanilate, 150 lb bbls.	...	.55	.70
Naphthionate, 300 lb bbls.	...	.59	.62
Nitrate, crude, 95%, 200 lb bags	...	2.52 1/2	2.55
c/l NY	...	...	2.55
Fulures, NY	...	...	...
Double Redned, 400 lb bbls	...	...	...
gran. c/l wks.	...	...	.04%
Nitrite, 500 lb bbls. wks.	...	.08	.08 1/2
Bbls. spot, makrs.	...	...	.08 1/2
Imp. 650 lb cases	...	.08 1/2	.08 1/2

SODIUM—(Continued)

Ortho-Chloro-para-Toluen Sulfonate, 175 lb bbls. wks.	...	.25	.27
Oxalate, neutral, 100 lb kegs.	...	...	.39
Perborate, 275 lb bbls.	...	...	.23%
Imp., 225 lb drs.	...	.18	.19
Peroxide, 200 lb cases	...	.25	.27
Phosphate, di-sodium, tech 550 lb bbls.	...	.03%	.03%
USP, gran. 275 bbls.	...	.07	.07 1/2
Imp.	...	.05%	.06
USP, recryst. 275 bbls.	...	.10	.11
Mono-sodium 100 lb kegs.	...	.24	.26
Tri-sodium tech. c/l, bbls.	...	.04%	.04%
Picramate, 100 lb kegs.	...	...	.60
Para-Toluen Sulfonate, 175 lb bbls.	...	.08	.09
PRUSSIAN, yellow, 250 lb bbls.	...	...	.12
Imp., 450 lb cks.	...	.10%	.11
Pyrophosphate, 100 lb kegs.	...	.24	.26
Salicylate, 100 lb kegs.	...	...	.40
Second Hands, USP, kegs.	...	.37	.40
Silicate, 60° 700 lb bbls. f.a.s. NY	...	...	2.00
Works, 1000 lb drums.	...	...	1.90
Works, tanks	...	...	1.75
40° domestic, 700 lb c/l f.a.s. wks.	...	...	.80
Works, 1000 lb drums.	...	...	1.90
Works, tanks	...	...	1.75
Spot, drums, bbls.	...	1.30	1.50
Silicofluoride, 450 lb bbls. NY.	...	...	.06
Sulphate, see Glauber's Salt.	...	...	...
Sulfate, Anhydrous, 550 lb bbls, c/l	...	.03%	.05
Sulfide, 60% solid, 650 lb drs. lc/l wks.	...	.04%	.06
Drs. c/l wks.	...	.03%	.04
Imp. 700 lb drs. NY.	...	...	.03%
60% broken, 650 lb drs wks.	...	.04%	.05
Imp., 500 lb drs. NY.	...	.03%	.04
30% crys. 400 lb bbls. wks.02%	.02%
Sulfite, crys. 400 lb bbls.03%	.03%
Anhydrous, 400 lb bbls.09%	.10



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Barium
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Chloride
Nitrate

Potash
Chlorate
Permanganate

Soda
Phosphate T. B.
Prussiate

Strontium
Nitrate

Casein

Blanc Fixe

Infusorial Earth

Lithopone

Blue Vitriol

ALSO PAINT MATERIALS:

Ochers, Umbers, Iron Oxide and Mineral Blacks

ELLIS JACKSON & COMPANY
18 N. FRONT STREET PHILADELPHIA

29 Broadway
New York

Howard Building
Providence

Chemicals

SODIUM—(Continued)			SULFUR, crude bulk, c/1 NY..ton			18.00	: 19.00
Sulfocarbonate, USP 100 lb			Crude f.a.b. mines.....ton			14.00	: 15.00
kgs.....lb	.37	: .39	Brimstone, 250 lb bags, c/1 100 lb			1.75	: 1.95
Sulfocyanide, 400 lb bbls.....lb	.45	: .47	Less c/1 bags NY.....100 lb			1.85	: 2.10
Tungstate, crys. 100 lb kgs.....lb	.60	: .65	Roll, 500 lb bbls, c/1 NY.....100 lb			2.15	: 2.15
Anhydrous, kgs.....lb	...	: .75	Less c/1 bags NY.....100 lb			2.20	: 2.45
Solvent Naphtha, see Naphtha			Flour, Heavy, 290 lb bbls, 100 lb			2.50	: 3.05
Spartan Sulfate, USP, 250 lb bulk, oz	.30	: .40	Light, 100%, 240 lb bbls, 100 lb			2.60	: 3.15
Single oz. vial.....oz	...	: .47	Rubbermakers 100%, 240 lb			...	: ...
Starch, rice, 140 lb bags.....lb	.09	: .10	bbls, NY.....100 lb			2.50	: 3.30
STRONTIUM Bromide, USP, 100 lb			Commercial, 99%, 150 lb bgs.			1.35	: 1.65
kgs.....lb	...	: .33	NY.....100 lb			2.00	: 2.50
Carb. 600 lb bbls, wks.....lb	...	: .07	For Dusting, 99%, 100 lb			2.00	: 2.50
100 lb kgs wks.....lb	...	: .08	bgs. NY.....100 lb			3.00	: 3.55
Iodide, USP, 25 lb jars.....lb	...	: 4.00	Flowers, 100%, 240 lb bbls.			...	: ...
Nitrate, 600 lb bbls, wks.....lb	...	: 10 1/4	NY.....100 lb			.17	: .20
Imp., bbls, NY.....lb	...	: .09 1/4	Precipitated, 125 lb bbls NY.....lb			.07	: .10
Salicylate, USP, 100 lb kgs.....lb	...	: .75	Lac. 125 lb bbls NY.....lb			...	: ...
STRYCHNINE Alkaloid, USP, crys.			Sulfur Chloride, red, 700 lb dra.			.06	: .07
1000s. tins.....oz	...	: .78	wks.....lb			...	: .08
Alk. powd., USP.....oz	...	: .68	150 lb chys. wks.....lb			.05	: .06
Acetate.....oz	...	: .85	Yellow, 700 lb dra. wks.....lb			...	: .07
Acetate.....oz	...	: .85	150 lb chys. wks.....lb			...	: .07
Hydrobromide.....oz	...	: .85	Sulfur Dioxide, 100 lb cyl.....lb			.08	: .08 1/4
Hydrochloride.....oz	...	: .85	Iodide USP, VIII, 5 lb bot.....lb			...	: 4.55
Hypophosphite.....oz	...	: .85	Sulfuric Ether, see Ether			...	: ...
Nitrate, USP.....oz	...	: .95	Sulfuryl Chloride, 600 lb dra.....lb			...	: .70
Phosphate.....oz	...	: .85	TALC, Italian, 220 lb bags NY..ton			47.00	: 51.00
Sulfate, USP, crys. powd.....oz	...	: .55	Refined white, bags.....ton			42.00	: 55.00
Saccharinate.....oz	...	: 1.95	French, 220 lb bgs, NY.....ton			22.00	: 35.00
Strychnine preparations quoted bases			Refined, white, bags.....ton			32.00	: 45.00
1000s lots in 1000s tins. Small Sizes;			Dom., crude, 100 lb bags NY..ton			13.00	: 20.00
1/4 oz vials, 50c extra; 1/2 oz vials, 35c			Refined, 100 lb bags NY.....ton			18.00	: 20.00
extra; single ounce vials, 7c extra. Lots			Tartar Emetic, tech. 700 lb bbls lb			.26	: .28
of 25 oz. 5c higher than above			ISP, 300 lb bbls.....lb			.31	: .34
schedule. Lots of less than 25 oz.			Termin Hydrate, USP, 100 lb bags lb			.40	: .62
10c higher per oz.			Terpinol, CP 1000 lb drums.....lb			.50	: .51
Sugar Milk USP, 200 lb bbls.....lb	.22	: .23	Cans, 50 lb.....lb			.54	: .55
Second Hands, USP, bbls.....lb	.22	: .23	Imported, cans, 25 lb.....lb			.95	: 1.20
Sulfonal, see Sulfonmethane			Terpenyl Acetate, 25 lb cans.....lb			1.65	: 1.85
Sulfonethymethane, USP, 10 lb bxs lb	3.85	: 4.05	Terra Alba, No. 1, 300 lb bbls 100 lb			1.25	: 1.90
Sulfonmethane, USP, 10 lb bxs.....lb	2.65	: 2.85	No. 2, bbls.....100 lb			1.25	: 1.35
			Theobromine Alk., 5 lb cans.....lb			...	: 4.10
			and Sod. Salicylate, 1 lb bot.....lb			...	: 3.42
			Thiocarbamid, 170 lb bbls.....lb			.28	: .30
			Thymol, USP, 25 lb tins.....lb			3.25	: 3.50
			Iodide, 5 lb boxes.....lb			6.75	: 7.00
			TIN, Metal Straits, NY.....100 lb			...	: 52.50
			American standard, NY.....100 lb			...	: 52.25
			95% American, NY.....100 lb			...	: 51.75
			Bichloride, 50% soln. 100 lb			...	: .14
			bbls, wks.....lb			...	: .35 1/4
			Crystals, 500 lb bbls, wks.....lb			...	: .36
			100 lb kgs, wks.....lb			...	: .58
			Oxide, 400 lb bbls, wks.....lb			...	: .58
			100 lb kgs wks.....lb			...	: .28 1/4
			Tetrachloride, 1000 lb dra. wks, lb			...	: 1.00
			Tolidine, 350 lb bbls.....lb			...	: .26
			Toluene, 8000 gal tank cars, wks, gal			...	: .31
			110 gal, dra. wks.....gal			...	: 1.10
			Sulfate, 350 lb bbls.....lb			...	: .31
			Toluidine, Mixed, 900 lb dra. wks, lb			...	: .45
			Triacetin, 50 gal, dra., wks.....lb			...	: 1.00
			Triphenylamine, 100 lb cans.....lb			...	: .80
			Triphenylguanidine.....lb			...	: .55
			Triphenyl Phosphate, 450 lb bbls lb			...	: 3.00
			Tripoli, 500 lb bbls.....100 lb			...	: 8.75
			Tungsten NY.....Wt. unit			...	: .18
			Ultramarine Blue.....lb			...	: .30
			UREA, pharm. 112 lb cans.....oz			...	: .54 1/4
			VAHILIN, USP, 5000s cans.....oz			...	: .55
			Cans, 80 ozs.....oz			...	: .56
			Cans, 16 ozs.....oz			...	: .56
			Venetian Red.....lb			...	: .38
			Verdigris, see Copper Subacetate			...	: 1.86
			Vermillon, Amer. 100 lb kgs.....lb			...	: 1.85
			English, kgs.....lb			...	: 1.85
			Veratrine Sulfate, 100 vial.....oz			...	: ...
			Hydrochloride, 100 vial.....oz			...	: ...
			Veronal, see Acid Diethylbarbituric			...	: ...
			WHITE LEAD, see lead, white.			...	: ...
			White Precipitate, see mercury.			...	: ...
			Whiting, 200 lb bags, c/1 wks, ton			14.00	: 14.00
			Bags, 1c/1 NY.....ton			...	: 22.50
			Gilders, bags, NY.....ton			13.50	: 15.00
			French, bags, NY.....ton			...	: 19.00
			English, bags, NY.....ton			...	: 23.00
			Witch Hazel Extract, 50 gal bbls, gal			1.20	: 1.28

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Sulphate and Minor Salts

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Brilliant Crystallization and Purity of Color

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Commercial Xylol
Solvent Naphtha
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Special Fractions of
Coal Tar Light Oils**

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Chemicals

XYLENE, 3° dist. range, nitration		
ths. wks.gal	.45	.50
110gal. drs. NY.....gal		
5° dist. range, 8000gal. tanks		
wks. ....gal		.35
110gal. drs. wks. ....gal		.40
10° dist. range, drums, wks. gal	.32	.33
Commercial, 110 gal. drs., wks. gal	.32	.33
Tanks, wks. ....gal	.27	.28
Xylidine, 900lb drs. ....lb	.40	.45
YARA YARA, 1lb tins. ....lb	1.75	2.00
Yohimbin Hydrochloride, 1 oz. vial. oz	3.00	3.57
ZINC, METAL, high grade, alaba		
c/l NY .....100lb		8.75
Common Slabs, c/l NY.....100lb	6.57	6.62
Mossy, 25lb has NY.....lb		.14
Ammonium Chloride, powd., 400lb		
bbls. ....lb	.07½	.08
Carb. tech. 150lb kegs NY..lb		.23
USP, 100lb kegs. ....lb		.33
Chloride, fused, 600lb drs.wks.lb		.06
Drs. c/l wks. ....lb	.04½	.05
Imp. drs. NY.....lb	.04½	.05
Granulated, 500lb bbls.wks.lb		.07
Imported, drs. NY.....lb		.06½
Solution, 50% , tanks wks100lb	2.25	2.50
USP, 25lb jars. ....lb	.27	.29
Cyanide, 100lb drs. ....lb	.36	.37
Dust, 100lb tins wks. ....lb	.09½	.10
500lb bbls, kegs, 1c/l wks. ....lb		.09½
500lb bbls, kegs, c/l wks. ....lb		.08½
Iodide, 5lb bots. ....lb		5.28
Nitrate, 25lb jars. ....lb		.45
Oxide, Amer. 300lb bbls, wks. ....lb	.08½	.08½
Bbls. c/l wks. ....lb	.08½	.08½
French, 300lb bbls wks. ....lb	.10½	.12½
Bbl c/l wks. ....lb	.10	.12
Bags, c/l wks. ....lb	.09½	.10½
USP, 100lb bbls. ....lb		.17
Ton lots, wks. ....lb		.18
Imported, white seal, bbls. ....lb		.12
Green seal, bbls. ....lb		.10
USP, 100lb bbls. ....lb		.19½
Stearate, USP, 50lb bbls. ....lb		.32
Sulfate, 400lb bbls, wks. ....lb	.03½	.03½
Bbls. c/l wks. ....lb		.03
USP- 100lb kegs. ....lb	.08	.09
Sulfacarbonate, 100lb kegs. ....lb	.32	.34

Oils

Castor, No. 1, 400lb bbls.....lb	.15½	.16
80lb cases. ....lb		.16½
No. 3, bbls. ....lb	.15	.16½
Blown, 400lb bbls. ....lb		.16½
China Wood, bbls., spot NY.....lb	.16	.16½
8000 gal. ths. NY.....lb		
Apr., May, forward, bbls.,		
China. ....lb	.15½	.16
Coast, tanks, Apr., forward....lb	.13½	.13½
Coconut Ceylon, 375lb bbls, NY..lb	.09½	.10
8000 gal. tanks, NY.....lb		.08½
Cochin, 375lb bbls., NY.....lb	.10½	.10½
Tanks, NY .....lb	.09½	.09½
Manilla, tanks, P. Coast.....lb	.08½	.08½
Edible, bbls, NY.....lb	.11	.11½
Cod Newfoundland, 50 gal. bbls.gal	.63	.65
Tanks, NY .....gal	.60	.64
Copra, bags .....lb	.05½	.05½
Corn, ref. 375lb bbls, NY.....lb	.12	.12½
Crude, tanks mills. ....lb	.08½	.08½
Bbls., NY .....lb		.11½
Cottonseed, crude ths. mills....lb		.08½
P. S. Y., 100 bbl. lots NY..lb	.10½	.10½
White, 100 bbl. lots, NY..lb		.11½
Winter yellow, 100 bbls, NY..lb		.12½
Deerass. Amer. 50 gal. bbls., NY..lb	.04½	.05½
English, bbls, NY.....lb		.05½
Neutral, bbls, NY.....lb	.11	.14
Moellon, bbls, NY.....gal		.50
Greases, choice white, bbls, NY..lb	.08½	.08½
Yellow. ....lb		.06½
Brown. ....lb		.06½
House. ....lb		.06½
Bone naphtha. ....lb		.06½
Herring, Tanks, Coast .....gal		
Horse, 375lb bbls, NY.....lb		.07½
Lard, prime steam bbls. ....lb	.12	.12½
Compound, bbls. ....lb	.12½	.13

LAND OIL, Edible prime, bbls....lb		.14
Off prime, bbls. ....lb		.13
Extra, bbls. ....lb		.11½
Extra No. 1, bbls. ....lb		.11½
No. 1 bbls. ....lb		.10½
No. 2 bbls. ....lb		.10½
LINSEED, raw c/l bbls, spot....gal		.90
Five bbls., raw. ....gal		.94
Boiled, 5 bbl. lots. ....gal		.96
Double boiled 5 bbl. lots. ....gal		.97
Raw, 1c/l bbls. ....gal		.94
Tanks. ....gal		.84
Apr., c/l bbls. ....gal		.90
May-Sept., c/l bbls. ....gal		.90
Imported, bbls, NY.....gal		
Tanks, NY .....gal		
Menhaden, crude bbls, wks. ....gal		
Crude, tanks, Balt. ....gal	.47½	.50
Light strained, tanks. ....gal		
Light strained, bbls, NY.....gal	.61	.63
Yellow bleached, bbls, NY.....gal	.63	.65
Extra bleached, bbls, NY.....gal	.67	.69
Blown, bbls, NY .....gal	.73	.75
Neatsfoot, 20° a.t. bbls, NY.....lb		.18½
Pure, bbls, NY .....lb		.14½
Extra, bbls., NY.....lb		.11½
Oleo Oil, No. 1, bbls, NY.....lb	.12½	.12½
No. 2, bbls, NY.....lb		.10½
No. 3, bbls, NY.....lb		.10
OLIVE, denatured bbls, NY.....gal		1.25
Edible, bbls., NY.....gal	2.00	2.25
Foots, bbls, NY.....lb	.09½	.10
Shipments. ....lb		.10
Palm Lagos, 1500lb casks. ....lb		.08
Niger casks. ....lb	.07	.07½
Bony old Calabar, casks. ....lb		
Palm Kernel, 1500lb casks NY..lb	.09	.09½
Peanut, refined bbls, NY.....lb	.16½	.17
Crude, mills buyers' ths.lb		
Crude, bbls. NY.....lb		
Perilla, bbls, NY.....lb	.14½	.15
Poppyseed, bbls, NY.....gal	2.25	2.50

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Soda Ash
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& GOODWIN CO.

Hanna Building, Cleveland

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Oils and Fertilizers

Sapwood, refined bbls. NY.....gal	.90	.92
Blown, bbls. NY, 8 lbs.....gal	1.00	
Red Oil, distilled, bbls.....lb	.09½	.10
Saponified, bbls.....lb	.09½	.10
Tanks.....lb	.08½	.09
Salmon, 8000 gal. tks. Coast.....gal		
Sesame, domestic edible bbls.....lb	.11½	.12½
Sod Oil, bbls. NY.....gal	.45	
SOYA BEAN, crude tks. Coast.....lb	.10½	.10½
Crude, Tks., D.P., NY.....lb	.10½	.10½
Crude, bbls. NY.....lb	.12	.12½
Sperm, 38° c.t. blechd. bbls. NY.gal	.89	.89
45° cold test, blechd. bbls. NY.gal	.84	.84
STEARIC ACID, s.p. 200 lb bags.....lb	.11½	.12
Double pressed, bags.....lb	.12	.12½
Double pressed, bags, saponified.....lb	.12	.12½
Triple pressed, bags, distilled.....lb	.13	.13½
Triple pressed, bags, saponified.....lb	.13	.13½
Stearine, oleo, bbls.....lb	.09½	.09½
Tallow, edibls, tierces.....lb	.10½	.10½
City, extra, loose.....lb	.07½	.07½
Tallow Oil, acidless tks. NY.....lb	.09½	.09½
Blin., c/ NY.....lb	.11½	.11½
Walnut, crude bbls. NY.....lb	.77	.77
Whale, nat. winter bbls. NY.....gal	.81	.81
Blehd. winter bbls. NY.....gal	.82	.82
Extra Blehd. bbls. NY.....gal	.82	.82
Crude, No. 1, tanks Coast.....gal		
Crude, No. 2, tanks Coast.....gal		
Crude, No. 3, tanks Coast.....gal		

Fertilizer Materials

Ammon. Sulf., bulk wks.....100 lb	2.90	3.00
Double, bags, f.a.s. NY.....100 lb	2.85	2.95
Single bags, wks.....100 lb	3.15	3.15
Mood, dried f.o.b. NY.....unit	3.50	3.75
Bone, 3 & 50 ground steamed.....ton	20.00	23.00
Raw, Chicago.....ton	25.00	25.00
Cyanamide wks.....unit	2.00	2.10
Fish Scrap, dried wks.....unit		
Acid, Bulk, 7 & 3½, wks.....unit		

NITRATE SODA, NY.....100 lb	2.55	2.57
Phosphate Rock, f.a.s. mds.....ton	2.25	2.25
Florida Pebble, 68%.....ton	2.50	2.50
Florida Pebble, 70%.....ton	2.50	2.50
Florida Pebble, 75-74%.....ton	3.75	3.75
Tennessee, 72%.....ton	5.50	5.50
Phosphate Acid, 16% Bulk wks.....ton	7.50	8.00
PETASH		
Pot. Chloride, 80% basis, bags.....ton	34.55	34.55
Pot. Sulfate, 90% basis, bags.....ton	45.85	45.85
Dble. Manure Salts, 48% basis.....ton	26.35	26.35
Manure Salts, 30% basis, bulk.....ton	16.03	16.03
Manure Salts, 20% basis, bulk.....ton	10.55	10.55
Kainite, 12.4% basis, bulk.....ton	7.22	7.22
Bulk in bags, \$2.00 extra.		
Discounts, 1% to 10% as to quantity.		
Prices c.i.f. Atlantic & Gulf Ports.		
Steamed Bone Meal, 3 & 50, NY, ton	28.00	30.00
Tankage, ground, NY.....unit	2.50	.10
High grade f.o.b. Chicago.....unit	2.25	.10

Naval Stores

(Carloads ex-yard N. Y.)		
Spirits Turpentine, bbls.....gal	1.01	1.01
Wood Turpentine, stn. distd. bbls.gal	.90	.90
Destructive distilled, bbls.....gal	.65	.65
Pine Oil, stn. dist'd, bbls.....gal	.63	.63
Pitch, prime.....bbl	6.00	6.00
Rosins, (Sold in 600 lb bbls., gross for net, quotations based on a unit of 280 lb)		
B.....280 lb	5.85	5.85
D.....280 lb	5.85	5.85
E.....280 lb	5.85	5.85
F.....280 lb	5.85	5.85
G.....280 lb	5.85	5.85
H.....280 lb	5.85	5.85
I.....280 lb	5.85	5.85
K.....280 lb	5.85	5.85
M.....280 lb	5.85	5.85
N.....280 lb	5.85	5.85
WG.....280 lb	7.10	7.10
WW.....280 lb	7.50	7.50

Resin Oil, first run, 50 gal. bbls.gal	.42	.42
Second run, bbls.....gal	.40	.40
Tar, kiln-burnt.....bbl	11.00	11.00
Retort.....bbl	11.00	11.00

Dye and Tan Woods

Barwood, chips.....lb	.04½	.05
Camwood, chips.....lb	.09	.13
Divi Divi, pods 100-200 lb bags.....ton	39.00	41.00
Fustic, sticks.....ton	30.00	33.00
Chips.....lb	.04	.05
Hemlock, bark.....ton	30.00	30.00
Hyperic, chips.....lb	.04½	.07
LOGWOOD, sticks.....ton	23.00	27.00
Chips 150 lb bags.....lb	.03	.03½
Mangrove bark, African.....ton	34.00	36.00
Bark, South American.....ton	35.00	36.00
Myrobalans, 150 lb bags J1.....ton	36.00	38.00
B1.....ton	36.00	38.00
J2.....ton	32.00	33.00
Nutgalls, see Crude Drugs.		
Oak bark, whole.....ton	20.00	23.00
Ground.....ton	25.00	25.00
Quercitron bark, rough.....ton	10.00	10.00
Ground.....ton	20.00	25.00
Sumac, Sicily, 160 lb bags.....ton	135.00	140.00
Virginia, 150 lb bags.....ton	40.00	45.00
Valonia Cups, 28-38% tan.....ton	32.00	34.00
Board, 40% tan, 150 lb bags.....ton	44.00	46.00
Wattle bark, 150 lb bags.....ton	37.00	39.00

Extracts

Range of prices includes quality range for large quantity.

Annatto, fine.....lb	.26	.29
Archil, double 600 lb bbls.....lb	.13	.15
Triple, 600 lb bbls.....lb	.14	.16
Conc., 600 lb bbls.....lb	.15	.17



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Chestnut, clarified, 25% tin. wts. D	.01% : .01%	Osage Orange, 51° liquid..... D	.07 : .08	Crude Drugs	
Bbls., wts. D	.02% : .03	Powd. 100 lb bags..... D	.14 : .15		
Powd., 60% 100 lb bbls. wts. D	.03% : .05%	Persian Berries D	.27 : .30	Acroides Gum, yel. D	.18 : .20
Decolorized, bbls., wts..... D	.08 : .09	QUEBRACHO, 35% liquid tin. D	.03 : .03%	ACONITE Leaves, bales..... D	.12 : .14
Cudbear, English D	.15 : .16	450 lb bbls. D	.03% : .04	Root, USP, bags D	.44 : .45
Cutch, Rangoon, 100 lb bales..... D	.15 : .16	35% bleaching, 450 lb bbls. D	.04% : .05%	Agar Agar, 1, 200 lb bales..... D	1.45 : 1.50
Borneo, solid, 100 lb bales..... D	.04% : .05%	Solid 65% 100 lb bales..... D	.04 : .04%	No. 2, bales..... D	1.42
Liquid, 450 lb bbls. D	.07% : .11	Clarified bales D	... : .04%	No. 3, bales..... D	1.38
Tablets, 120 lb boxes..... D	.13 : .14	Quercitron, 51° 450 lb bbls. D	.06% : .07%	Agaric, white, cases D	2.50
Flavins D	.90 : .95	Powdered, 100 lb boxes..... D	.09 : .13	almonds, bitter bags bxs..... D	.32 : .35
Fusile, solid 50 lb boxes..... D	.20 : .22	Spruce, 25% liquid tanks wts. D	.01 : .01%	Sweet, bags D	.45 : .46
Crystals, 100 lb boxes..... D	.20 : .22	Powd. 50% 100 lb bags wts. D	.02 : .02%	Meal, tins, boxes D	.28 : .30
Liquid, 51°, 600 lb bbls. D	.10 : .12	Sumac, liquid 450 lb bbls. D	.07 : .08	Aletris Root, bags D	.50 : .53
Gall extract D	.16 : .18	Stainless, 600 lb bbls. D	.10 : .11	Alkanet Root, bags D	.08 : .08%
Gambier, 25% liq. 450 lb bbls. D	.10% : .13	DYERS' SUPPLIES		Aloes, Barbadoes, 120 lb bbls. D	.65 : .70
Common, 200 lb cases..... D	.10% : .11	Albumen, technical, egg 200 lb cs. D	... : 1.25	Cape, 400 lb cases..... D	.08% : .09
Singapore cubes, 150 lb bags..... D	.18 : .19	Blood, 100 lb drs..... D	.40 : .45	Curacao, 100 lb cases..... D	.10 : .11
HEMATINE, Paste, 500 lb bbls. D	.08 : .12	Spray Yolk, 150 lb cs..... D	.45 : .65	Sootrice, whole 100 lb cs. D	.30 : .32
Crystals, 400 lb bbls. D	.12 : .20	British Gum, 140 lb bags c/l 100 D	4.09 : 4.24	Althea Root, cut cases..... D	.23 : .25
Woollock, 25% 600 lb bbls. wts. D	.03% : .03%	Bags, 1c/l 100 D	4.39 : 4.45	Whole bags D	.09 : .10
Hyperic, 51°, 600 lb bbls. D	.15 : .16	Dextrin, corn 140 lb bags c/l 100 D	... : 3.74	Ambergris, black boxes..... D	2.00
Indigo, Madras bbls. D	.85 : .90	Bags, 1c/l 100 D	... : 3.84	Grey, boxes D	28.00
Manila, bbls. D	... : 1.30	Yellow, bags c/l 100 D	... : 3.79	Ammoniac, tears, bags..... D	.80 : 1.00
Larch, 25%, 600 lb bbls., wts. D	.03% : .03%	Potato 220 lb bags c/l..... D	... : .07%	Angelica Root, dom. bags..... D	.14 : .15
Powd. 100 lb bags, wts..... D	.07% : .08	Bags, 1c/l D	.07% : .08%	Angustura Bark, bags..... D	.08 : .10
Logwood, 51°, 600 lb bbls. D	... : .10%	Yellow, 220 lb bags..... D	... : .08	Anise, Levant bags D	.15 : .16
Lower grades D	.07 : .09	Tapioca, 200 lb bags, 1c/l..... D	.09% : .10%	Russian, bags D	.14 : .15
Solid, 50 lb boxes..... D	.09 : .15	Prussian blue D	.60 : .63	Star, cases D	.13% : .14
Madder, Dutch D	.28 : .30	Sago Flour, 150 lb bags..... D	.04% : .05	Spanish, bags D	.14% : .15%
Mangrove, 55% 400 lb bbls. D	.04% : .05	StARCH, powd. 140 lb bags c/l 100 D	... : 3.27	Annatto Seed, 200 lb bags..... D	.24 : .25
Myrobalsam, 25% liquid bbls. D	.04 : .05	Bags, 1c/l 100 D	... : 3.37	ARABIC GUM	
50% solid, 50 lb boxes..... D	.04% : .05	Pearl, 140 lb bags c/l..... 100 D	... : 3.17	White, No. 1, 200 lb bags..... D	.21 : .23
Oak, tanb. wts..... D	.04 : .04%	Bags, 1c/l 100 D	... : 3.27	Seconds, 250 lb bags..... D	.20 : .22
23-25% liq. 600 lb bbls. wts. D	.05 : .05%	Potato, domestic, 200 lb bags. D	.05% : .06	Sorts, amber, 200 lb bags, bbls. D	.14 : .14%
		Imported, bags duty paid.. D	.08 : .06%	Powd., USP, 500 lb bbls. D	.19 : .20
		Tapioca Flour, high grade bags..... D	.07% : .08	Arca Nuts, 150 lb bags..... D	... : .09
		Medium grade bags D	.05% : .06	Powd., 200 lb bbls. D	... : .13
		Low grade, bags D	.04 : .04%	Arnica Flowers, bales D	.11 : .12
		Turkey Red Oil, bbls. D	.11 : .12	Root, Bags D	.25 : .25
		Yolk Oil, bbls. D	... : .35	Arrowroot, Amer., powd. bbls. D	.06% : .09%
				St. Vincent, powd. bbls. D	.14% : .15
				Asafoetida, USP, 250 lb cases..... D	.20 : .21
				Powd. 50 lb bxs..... D	.40 : .43
				BALM GILEAD BUDS, bags..... D	.45 : .50
				Balmory Herb, bales D	... : .14

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BALSAMS			Cannabis, true imp. bags.....	4.50	5.00	Cloves, Zanzibar, 135 lb bales....	29	30
Copaiba, Para, 80 lb cs.....	26	30	American (so many) bales.....	30	35	Amboyas, bales.....	29	33
South American, 80 lb cs.....	33	35	USP.....	1.70	1.85	Penang, bales.....	29	35
Fir Canada, cans.....	12.50	12.50	Cantharides, Chinese cases.....	90	95	Cochineal, USP, boxes.....	35	37
Oregon, bbls., cans.....	1.35	1.40	Powdered, boxes.....	1.05	1.10	Coca Leaves, Huancabo bags.....	10	11
Peru, 120 lb cases.....	1.85	1.95	Cantharides, Russian, cases.....	90	95	Trudillo, bags.....	10	11
Tolu, 90 lb cases.....	1.50	1.70	Powdered, boxes.....	1.05	1.10	Cobosh Root, Black bags.....	10	11
Bamboo Briar Root, bags.....	0.65	0.68	Caraway Seed, African, bags.....	24	25	Blue, bags.....	13	14
Barberry Bark, tree bales.....	12	14	Dutch, 110 lb bags.....	25	26	Colchicum Root, bags.....	08	09
Root, bags.....	80	90	Cardamom bleach cases.....	1.60	1.60	Seed, bags.....	10	11
Bayberry Bark, bales.....	09	10	Decorticated, cases.....	1.50	1.60	Colombo Root, whole bags.....	02	03
Wax, bbls.....	20	22	Green, grinding, bags.....	1.20	1.30	Colocynth, apples, cases, bales....	17	22
Belladonna Leaves, bales.....	28	30	Carnauba Wax, Flor, bags.....	47	52	Pulp, USP, bales.....	33	35
Root, bags.....	13	13	No. 1 N Country bags.....	42	45	Coltsfoot Leaves, bags.....	06	07
Esse Wax, white bbls.....	40	42	No. 2 N Country bags.....	32	34	Comfrey Root, bags.....	13	14
Yellow, refined, bbls.....	25	27	No. 3 Fatty Gray, bags.....	23	24	Condurango Bark, bales.....	30	35
Crude, bags.....	21	23	No. 3 Chalky Gray, bags.....	22	23	Conium Seeds, bags.....	10	16
Perzoin Gum, Siam, boxes.....	1.30	1.35	Cascara Amarga, 150 lb bales.....	1.25	1.35	Copaiba Balsam Para, see Balsams		
Sumatra, 80 lb boxes.....	27	33	Cascara Sagrada, bales, Old.....	34	36	Copal Gum.....	13	13
Berberis Aquifolium Root, bags....	14	15	New.....	38	35	Coriander Seed, Bombay bags.....	08	09
Beth Root, bags.....	30	32	Cascarilla Bark, quills bales.....	36	40	Mogadore, bags.....	11	11
Blackhaw Bark, root, bales.....	38	40	Siftings, bbls.....	20	25	Morocco, bags.....	11	11
Tree, bales.....	22	24	Cassia Buds, 68 lb cases.....	11	12	Bleached, bags.....	15	15
Blood Root, bags.....	15	16	China, Whole Rolls, cases.....	10	10	Corn Silk, bales.....	05	06
Blondag Root, bags.....	22	25	Saigon, assort. bales.....	24	29	Cotton Root Bark, bales.....	13	15
Bolide Leaves, bales.....	30	31	Cassia Fistula, baskets.....	10	11	Cramp Bark, so-called bales.....	08	08
Bonest Herb, bales.....	07	09	Castoreum, 1 lb bot.....	03	03	True, bags.....	38	40
Horage Flowers, bales.....	15	17	Catechu Gum, bags.....	09	10	Cranesbill Root, bags.....	10	11
Bryonia Root, bags.....	09	10	Catinip Herb, bales.....	15	17	CUBEB BERRIES, XX bags.....	70	75
BUCHU LEAVES, short, 250 lb			Celery Seed, 220 lb bags.....	32	34	Powdered, boxes.....	75	78
bales.....	78	85	Ceratin Wax, white bags.....	08	10	Culvers Root, bags.....	30	32
Long, bales.....	86	93	Yellow, 200 lb bags.....	09	10	Cumin Seed, Levant bags.....	25	27
Buckthorn Bark, bags.....	07	08	CHAMOMILE FLOWERS, Roman			Morocco, bags.....	25	27
Burdock Root, bags.....	15	16	Hung. cases bales.....	75	80	Cuttlefish Bone, Trieste, straps..	13	14
Burgundy Pitch, dom., 110 lb stands			Charcoal Willow, powd. bbls.....	06	06	Jewelry, large, straps.....	55	55
Greens for net.....	05	05	Wood, powd. bbls.....	04	05	Small, straps.....	15	16
Calabar Beans, bags.....	12	14	Chestnut Bark, bags.....	07	08	French, straps.....	15	16
Calamus Root, bleached cases.....	35	38	Herb, bales.....	06	06	Powdered, boxes.....	07	07
Unbleached, bags.....	07	08	Chicle Gum, bags.....	75	1.00	Broken, boxes.....	24	25
Calendula Petals, imp. bales.....	22	23	Chiretta, bales.....	10	12	Damiana Gum, 136 lb cases.....	15	16
Callaena Bark, bales, powd.....	27	30	Cinchona Bark, red quills bales..	48	50	Dandelion Root, Imp., bags.....	37	39
Campher, see Chemicals			Broken, bales, East Indian.....	23	25	Deer Tongue Leaves, bales.....	09	10
Canary Seed, Morocco bags.....	06	06	Ceylon, Broken, bales.....	15	20	Digitalis Leaves, bales.....	07	08
South American, bags.....	07	07	Cinnamon, Ceylon, bales.....	22	22	Dill Seed, bags.....	08	09
Candellia Wax, bags.....	23	25	Civet, Abyssin horns.....	2.75	2.75			
Candella Alba Bark, bales.....	51	52	Clover Tops, bags.....	25	27			

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Dogwood Bark, Jamaica bags....	.10	.11	Grindelia Robusta Herb, bales....	.09	.09½	LADY SLIPPER ROOT, bags....	.51	.65
American, bales.....	.08	.09	Guaiac Gum, 80 lb cases.....	.27	.29	Larkspur Seed, bags.....	1.15	1.20
Doggrass Root, USP, cut bags....	.12	.14	Guarana, fine, cases.....	.65	.75	Laurel Leaves, bales.....	.04½	.05
Dragons Blood, mass cases.....	.45	.50	GUM, see Arabic Gum, etc.			Lavender Flowers, ordinary....	.30	.33
Reeds, boxes.....	1.05	1.10				Selected.....	.35	.38
ECHINACEA ROOT, bags.....	.28	.30	HELLEBORE ROOT,			Leeches, tubs.....Per 100	2.70	3.00
Elecampane Root, bags.....	.09	.10	Black, bbls.....	.08	.10	Lemoe Peel, bags.....	.09	.10
Elder Flowers, bags.....	.11	.12	Powdered.....	.15	.17	Licorice Root, Russian whole....	.07½	.08
Elemi Gum, 89 lb cases.....	.10	.11	White, Powd. 250 lb bbls....	.15	.16	Spanish, natural bales.....	.09	.09½
Elm Bark, select 5 lb bundles cases	.27	.38	Helonias Root, (unicorn false)			Powdered, bbls.....	.09	.09½
Grinding, bags.....	.13	.15	bags.....	.86	.88	Selected, 2 & 5 lb bundles....	.16	.20
Powdered, bbls.....	.23	.24	Hemp Seed, Manchurian bags....	.05	.05½	Cuttings, 125 lb bags.....	.07	.07½
ERGOT, 150-200 lb bags.....	.33	.35	Chilian, bags.....	.32	.35	Greek, 150 lb bales.....	.03	.03½
Eucalyptus Leaves, bales.....	..	.05	No assay.....	.28	.32	Life Everlasting Herb, bales....	.05	.06
Euphorbia Pithulifera Herb, bags..	.15	.17	Henna Leaves, bales.....	.10	.11	Lime Juice, clarified bbls.....gal	.50	.60
Euphorbium Gum, cases.....	..	.32	Powdered.....	.14	.15	Linden Flowers, with leaves, bales	.11	.12
Powdered, boxes.....	..	.40	Honey, Calif., 120 lb cases.....	.11½	.12	Without Leaves, bales.....	.18	.20
Fennel Seed, French, bags.....	.11	.13	Hops, N. Y. prime bales.....	.23	.25	Liverwort Leaves, bales.....	.20	.23
German, bags.....	.17	.18	Pacific Coast prime bales.....	.20	.23	Lobelia Herb, bales.....	.27½	.28
Indian, bags.....	.12	.12½	Horhound Herb, bales.....	.09	.10	Lobelia Seed, bags.....	.62	.65
Flax Seed, whole 180 lb bbls.....ea	13.00	13.50	Horsetail Rush, bags.....	..	.15	Lovage Root, Imported, bags....	.20	.22
Ground, 180 lb bbls.....	.07½	.08	India Gum, see Karaya			Lupulin, boxes.....	1.15	1.20
Foenicreek Seed, 200 lb bags.....	.05½	.06	INSECT FLOWERS, open whole			Domestic.....	1.15	1.20
Fish Berries, 100-125 lb bags....	.03	.04	bales.....	..	..	Lycopodium, 85 lb c.....	.35	.36
Fringe Tree Bark, bags.....	.19	.20	Closed whole, bales.....	..	..	MACE, Starv, No. 1 cases.....	.62	.63
GALANGAL ROOT, bags.....	.08½	.09	Powdered, pure 200 lb bbls....	.63	.65	Banda, No. 1 cases.....	.65	.67
Galbanum Gum, cans.....	.80	.95	Flowers and stems, 50 p. c.			Batavia, No. 2 cases.....	.58	.59
Gambier Gum, bags.....	.10½	.11	200 lb bbls.....	.38	.40	West Indian, cases.....	.58	.60
Gamboge Gum, 160 lb cases.....	.85	.90	Ipecac Root, Cartagena, bags....	1.85	1.95	Malva Flowers, blue bales.....	.26	.28
Powdered, cases.....	.90	1.00	Powdered, 220 lb bbls boxes....	2.10	2.20	Black, bales.....	.55	.60
Geisemium Root, bags.....	.11	.11½	Rio Whole, bags.....	1.80	1.90	Manna, large flake cases.....	.78	.80
Gentian Root, bags.....	.08½	.09	Powdered, 200 lb bbls, bxs....	2.10	2.20	Small flake, cases.....	.40	.42
Ginger, African, bags.....	.18	.19	Isinglass, American, 130 lb c.....	.75	.85	Sorts, cases.....	.27	.30
Jamaica, grinding, bags bbls....	.34	.38	Russian (Beluga) bxs. ctms....	4.00	4.50	Mandrake Root, bags.....	.19	.20
Japan, bags.....	.17	.17½	JABORANDI LEAVES, bales.....	.11	.12	Mastic Gum, 120 lb cases.....	.60	.62
Cochin, ABC & lemon, bags....	.24	.26	Jalap Root, whole, 150 lb bags..	.35	.37	Mezereon Bark, bags.....	.11	.12
Glasing Root, cultivated, bags....	8.00	10.00	Powdered, USP, 250 lb bbls....	.38	.40	Matteo Leaves, bales.....	.20	.23
Northwestern Wild, bags.....	13.00	14.00	Japan Wax, white bags.....	.25	.27	Marjoram Leaves, German bales..	.12	.16
Southern Wild, bags.....	10.00	12.00	Job's Tears, white bags.....	.25	.30	French, bales.....	.12	.13
Golden Seal Root, bags.....	3.60	3.65	Juniper Berries, 125 lb bags....	.03	.03½	Millet Seed, dom. yellow bags..	.08½	.05
Powdered, boxes.....	3.80	3.85	KANALA, boxes.....	1.10	1.20	Montan Wax, crude bags.....	.05½	.06
Grains of Paradise, bags.....	.12	.14	Karaya Gum, powdered, bbls....	.15	.20	Bleached.....	..	..
			Kava Kava Root, bags.....	.16	.17	Moss, Iceland bales.....	.08	.09
			Kino Gum, black cases.....	.50	.55	Irish, bleached, bales.....	.10	.11
			Kola Nuts, 150 lb bags.....	.05	.06	Mullein Flowers, tins.....	1.00	1.10
			Kousoo Flowers, bags.....	..	3.00			

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Musk, pods, Calabarine, fine.....	16.00	17.00	Patchouli Leaves, bales.....	.22	.25	Rosemary Flowers, cases bales....	.23	.29
Tonquin.....	22.00	25.00	Penroyal Herb, bales.....	.08	.12	Rose Petals, pale.....	.22	.26
Grain Cab.....	25.00	26.00	Pepper, black Sling, bags.....	.11	.11½	Rose Red.....	.65	.70
Tonquin.....	35.00	38.00	White, bags.....	.14	.14½	Rue Herb, bales.....	.30	.35
Synthetic, see Chemicals			Peppers, red Mombasa, bags.....	.13	.16	SABADILLA SEED, bags.....	.15	.16
Musk Root, Russian bags.....		4.25	Cherries, bags.....	.14	.15	Powder, bbis.....	.16	.17
Mustard Seed, Bari brown bags..	.08½	.09	Bombay, bags.....	.11½	.13	Saffron Flowers, Amer. bales....	.80	.82
Bombay, brown.....	.08½	.09	Japan, bags.....	.24	.26	Valencia, 1 lb cans.....	38.00	39.00
California, brown.....	.11	.11½	Peppermint Leaves, imp. bales..	.25	.28	Sage, Dalmatian bales.....	.06	.08½
Yellow.....	.04	.04½	Cris, bales.....	.25	.28	Greek, bales.....	.04½	.05½
Chinese yellow.....	.08½	.09	Domestic leaf.....	.23	.24	Spanish, bales.....	.03	.03½
English, yellow.....	.08	.08½	Peru Balsam, see Balsams			Sandalwood, chips bags.....	.30	.30
Dutch, yellow.....	.08	.08½	Picht Leaves, bags.....	.25	.27	Ground, bags.....	.35	.35
Danish, yellow.....	.08½	.09	Pimento, select bags.....	.05½	.05½	Sandrac Gum, 200 lb bbis.....	.27	.29
Myrrh Gum, select 200 lb cases..	.35	.37	Pink Root, true bags.....	1.00	1.10	Sarsaparilla Root Honduras, bales	.61	.65
Sorin, cases.....	.23	.25	Pitch, Burgundy, see Burgundy Pitch			Mexican, bales.....	.22	.24
NUTGALLS, Chinese, bags.....	.17	.18	Pleurisy Root, bags.....	.22	.22	Sassafras Bark, ordinary bales...	.13	.15
Alepp, bags.....	.14	.16	Plantain Leaves, bales.....	.15	.15	Select, bales.....	.32	.34
Nutmegs, 110w cases.....	.40	.41	Poke Berries, bags.....	.08	.08½	Savory Leaves, bales.....	.08½	.09½
75s, 80s cases.....	.43	.45	Poke Root, bags.....	.08	.08½	Saw Palmetto Berries, bags.....	.10	.11
Nux Vomica Buttons, bags.....	.05	.06	Pomegranate Bark, of Root bags..	.30	.30	Scammony Resin, boxes.....	1.40	1.60
Powdered, 200 lb bbis.....	.08½	.09	Of Fruit, bags.....	.30	.30	Scammony Root, bags.....	.06½	.07
SAK BARK, red bags.....	.06	.06	Of tree.....	.30	.30	Senega Root, bags.....	.05	.07
White, bags.....	.06	.07	Poppy Flowers, red bags.....	.25	.27	SENNA, Alex. 150 lb cases.....	.20	.22
Olibanum Gum, sift 280 lb cases..	.09½	.10	Poppy Seed, Dutch, bags.....	.09½	.10	Half Leaf, 350 lb bales.....	.17	.18
Tears, 280 lb cases.....	.11	.13	German, bags.....	.08	.10½	Siftings, 400 lb bales.....	.10½	.12
No. 1, all white 280 lb cases	.21	.22	Turkish, bags.....	.08	.08	Powdered, 200 lb bbis.....	.13	.14
Opium, gum, USP, cases.....	9.00	10.00	Blue Indian, bags.....	.08	.08½	Tinselly, Job, 350 lb bbis.....	.11	.16
Grandar, case.....	10.00	11.00	White Indian, bags.....	.07	.07½	Grinding, 350 lb bales.....	.07	.09
Powdered, USP, cases.....	10.00	11.00	Prickly Ash Bark Southern, bags..	.16	.17	Powdered, 200 lb bbis.....	.09	.19
Orange Flowers, cases.....	.50	1.00	Northern, bags.....	.16	.17	Pods, 350 lb bales.....	.12	.14
Orange Peel, bitter bags.....	.07½	.07½	Prince's Pine, bales.....	.40	.42	Serpentaria Root, bags.....	.80	.85
Sweet, bags.....	.08	.08½	Pulsatilla Herb, bags.....	.30	.32	Shells, D.C., bags.....	.75	.77
Orris Root Florentine bold bags..	.07	.08	Pumpkin Seed, bags.....	.14	.16	V.S.O., bags.....	.75	.77
Powdered, 200 lb bbis.....	.11½	.12	QUASSIA CHIPS, bags.....	.07½	.08	Diamond I, bags.....	.75	.76
Verona, bags.....	.06	.06	Queen of the Meadow Herb, bags..	.05	.06	Superfine, Orange, bags.....	.60	.61
Powdered, 200 lb bbis.....	.07½	.08	Quince Seed, bags.....	.95	1.10	Fine, bags.....	.60	.61
Fingers, cases.....	.55	.60	RAPE SEED, South Amer. bags..	.06½	.07	T.N., bags.....	.56	.57
Oncoseria Wax, brown hard bags..	.22	.24	Dutch, bags.....	.05½	.07	Garnet, A. C. ....	.55	.56
Green, hard bags.....	.27	.28	Japanese, small, bags.....	.05½	.06	Burton, bags.....	.73	.74
Refined, yellow bags.....	.27	.28	Raspberries, dried boxes.....	.56	.60	Bleached, ground, bbis.....	.55	.59
PAPRIKA, bags.....	.17	.22	Red Saunders.....	.17	.18	Bone dry, bbis.....	.67	.69
Hungarian.....	.27	.27	Rhatany Root, bags.....	.32	.34	Sinapura Bark, bales.....	.09	.10
Pareira Brava Root, bags.....	.12	.14	RHUBARB, Root, H. D., cases..	.32	.34	Sideritis Herb, cut bags.....	.18	.18
Parley Seed, bags.....	.09	.10	Powdered, 200 lb bbis.....	.40	.42	Skullcap Leaves, bales.....	.38	.38
			Rosemary Leaves, bales.....	.04½	.05	Sloe Berries, bags.....	.03	.04

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Crude Drugs

Snake Root, Canada natural bags. D	.45	: .50
Stripped, bags	...	: ...
SOAP BARK, whole, 150-200 lb		
bales	.08	: .09
Cut, 125-175 lb bags	.09 1/4	: .10
Crushed, 200 lb bbls.	.11 3/4	: .12 1/4
Powdered, 200 lb bbls.	.13	: .14
Spearment Leaves, American bales. D	.24	: .25
Spermaceti, blocks cakes cases. D	.39	: .41
Spikenard Root, bags	.27	: .28
Spruce Gum, boxes	1.00	: 1.50
Squaw Vine, bales	...	: .17
Stavesacre Seed, bags	.42	: .45
Stone Root, bags	.09	: .10
Storax, liquid artif.	.70	: .75
Gen. USP	.90	: 1.00
St. Ignatius Beans, bags	.22	: .23
St. John's Bread, bags	.04	: .06
Stramonium Leaves, bales	.08	: .09
Stramonium Seed, bags	.12	: .13
Stramonium Seed, bags	.12	: .13
Kombe, bags	.80	: .85
Sunflower Seed, domestic bags. D	.07	: .07 1/4
South American, bags	.08	: .07 1/4
TAGALDER BARK, bags	...	: .05
Tamarinds, bbls.	...	: .08 1/4
Kegs	...	: 3.50
Tansy Herb, bales	.24	: .26
Tar, Barbadoes, 50 gal. bbls. gal	1.60	: 1.75
Thus Gum, 280 lb bbls.	.05 1/4	: .06
Thyme, Spanish bales	.07	: .07 1/4
French, bales	.08 1/4	: .09
Tilia, See Linden		
Tolu Balsam, see Balsams		
Tongo Bark, bags	.80	: .81
Tonka Beans, Angostura, cases. D	2.25	: 2.35
Para, cases	.75	: .80
Surinam, cases	.80	: .85

Tragacanth Gum, No. 1, ribbon		
160 lb cs.	1.25	: 1.30
No. 2 to No. 6, cases	.95	: 1.25
Powdered, 50 lb boxes	.90	: .95
Turkish, cases	.75	: .90
Turmeric Root, Madras bags. D	.10 1/4	: .11
Aleppy, bags	.13	: .15
Powdered	.15	: .16
China, bags	.09	: .10
Turpentine, Venice, true 80 lb cs. D	.14 1/4	: .15
Artificial, 80 lb cases	.11	: .12
Spirits, see Naval Stores		
UNICORN ROOT, false, see Helonias		
True, see Aletris		
Uva Ursi Leaves, bales	.05	: .06
VALENIAN ROOT, Belgian bags. D	.08 1/4	: .09
Vanilla Beans Mex. whole cases. D	12.00	: 13.00
Cuts, cases	10.00	: 10.50
Bourbon, cases	10.00	: 11.00
South American, cases	...	: ...
Tahiti, yellow label cases	...	: ...
Green Label, cases	...	: ...
Violet Flowers, bags	.70	: .75
WALNUT BARK, of root bags. D	1.15	: 1.20
Of Tree, bags	.40	: .42
White Pine Bark, rounded, bags. D	.07 1/4	: .08
White Poplar Bark, bags	.04	: .05
Wild Cherry Bark, thin green		
Rounded, bales	.18	: .17
Thick Rosed, bales	.09	: .10
Thin Natural, bales	.11	: .13
Thick Natural, bales	.07	: .08
Willow, bark bags	...	: .06
White, bags	...	: .15
Witch Hazel Bark, bags	...	: .07
Witch Hazel Leaves, bales	...	: .09
Worm Seed, American bags	.08 1/4	: .09
Levant bags	...	: 4.25
Wormwood Herb, imported bales. D	...	: .10
Yacca Gum, red	.04	: .04 1/4
Ground	.05 1/4	: .06 1/4
YELLOW DOCK ROOT, bags	.12	: .14
Yellow Parilla Root, bags	.16	: .17
Yerba Santa, bags	.09	: .10
Zedoary Root, bags	.08	: .10

Essential Oils

Almond Bitter USP 5 lb bot.	3.25	: 3.75
Bitter ft FA 5 lb bot.	3.50	: 3.75
Artificial (See Benzaldehyde-Chemicals)		
Sweet, 56 lb cans	.45	: .50
Peach Kernel, 55 lb tins	.24	: .28
Apricot, see Peach Kernel		
Amber, crude 25 lb tins	.70	: .75
Rectified, 25 lb tins	.90	: 1.00
Angelica Root, 1 lb bot.	38.00	: 39.00
Seed, 1 lb bot.	38.00	: 38.00
ANISE, Tech., 60 lb case	.47	: .50
USP, 50 lb tins	.50	: .55
Bay, 25 lb tins	2.50	: 2.60
Bergamot, 25 lb copper	3.35	: 3.50
Artificial, 25 lb cans	2.00	: 2.25
Birch Tar, rect. 5 lb bot.	1.10	: 1.15
Crude, 50 lb tins	.60	: .65
Bois de Rose, 25 lb tins	4.00	: 4.50
Cajuput, native, 50 lb tins	.80	: .85
Calamus, 5 lb bot.	4.25	: 4.75
Camphor, heavy, 1000 lb drums	.13 1/4	: .14 1/4
Japanese, white, 72 lb cases	.13 1/4	: .15
White, 1000 lb drums	.18	: .19
Cananga, native 25 lb tins	2.15	: 2.40
Rectified, 25 lb tins	2.75	: 3.00
Caraway, USP	8.20	: 8.35
Cardamom, USP, 1 lb bot.	28.00	: 30.00
Carvel, 5 lb bot.	17.00	: 18.00
CASSIA, 80-85 p.c. 400 lb drums	1.85	: 2.00
Redistilled, USP, 50 lb cans	2.45	: 2.55
Cedar Leaf, 50 lb tins	.95	: 1.00
Cedar Wood, light 1000 lb drums	.34	: .36
Celery, 1 lb bot.	10.50	: 11.00
Cinnamon, Ceylon, 1 lb bot.	11.00	: 12.50
Leaf, 5 lb bot.	1.50	: 1.75
CITRONELLA, Ceylon,		
Schimmel Test, 1000 lb drums	.82	: .85
50 lb tins	.84	: .87
Pure, 1000 lb drums	.97 1/4	: 1.00
50 lb tins	.99 1/4	: 1.02
Java, 400 lb drums	1.15	: 1.20
50 lb tins	1.20	: 1.25
Cloves, USP, 50 lb cans	2.10	: 2.20
6 lb bot.	2.20	: 2.30

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Essential Oils

Copaiba, USP, 50 lb tins.....	D	.35	: .40
Coriander, USP, 1 lb bot.....	D	13.00	: 14.00
Cotton, USP, 25 lb tins.....	D	1.00	: 1.10
Cubeba, USP, 5 lb bot.....	D	5.25	: 5.50
Cumin, 1 lb bot.....	D	14.00	: 15.00
Dill, 1 lb bot.....	D	4.25	: 5.00
Erigeron, 20 lb tins.....	D	1.30	: 1.35
EUCALYPTUS, Austl. USP			
56 lb cs.....	D	.65	: .67½
500 lb drums.....	D	..	: .62
Fennel USP, 25 lb tins.....	D	1.00	: 1.05
Geranium, Algerian, 25 lb tins..	D	7.00	: 7.25
Bourbon, 25 lb tins.....	D	6.25	: 6.75
Turkish, 25 lb tins.....	D	4.25	: 4.50
Ginger, 1 lb bot.....	D	7.25	: 8.00
Gingergrass, 25 lb tins.....	D	2.75	: 3.00
Juniper, 50 lb cans.....	D	1.00	: 1.10
Juniper Berries, USP, 25 lb tins..	D	1.30	: 1.40
Wood, 50 lb tins.....	D	.60	: .70
Lavender, USP, 25 lb tins.....	D	4.50	: 6.00
Spice, Spanish, 50 lb cans.....	D	.90	: 1.00
LEMON, Ital. USP, 25 lb tins..			
American, USP, 25 lb tins.....	D	.83	: .95
Lemongrass, native, 50 lb cans..	D	.75	: .80
Limes, express, 25 lb tins.....	D	.80	: .85
Distilled, 25 lb tins.....	D	1.70	: 1.80
Linaloe, Mex, 80 lb cases.....	D	1.00	: 1.05
Mace, distilled, 50 lb tins.....	D	3.50	: 3.75
Mint, ref., see Ar. Chemicals	D	1.25	: 1.35
Mustard, USP, 1 lb bot.....			
Artif., USP, 1 lb bot.....	D	..	: 14.00
Neroli, Bigarade, ½ & 1 lb bot..	D	3.75	: 4.00
Petale, 1 lb bot.....	D	40.00	: 60.00
Artificial, 1 lb bot.....	D	70.00	: 120.00
Nutmeg, USP, 25 lb tins.....	D	10.00	: 25.00
Orange, bitter, 25 lb tins.....	D	1.25	: 1.35
Sweet, W. Ind., 25 lb tins.....	D	2.65	: 2.75
Italian, 25 lb cop.....	D	2.60	: 2.70
American, 25 lb tins.....	D	3.20	: 3.50
Distilled, 25 lb tins.....	D	3.00	: 3.10
Origannum, 50 lb cans tech.....	D	1.75	: 1.80
Parsley, 1 lb bot.....	D	.30	: .35
Patchouli, 5 lb bot.....	D	3.50	: 4.00
Pennyroyal, dom, 25 lb tins.....	D	6.00	: 6.50
Imported, 25 lb tins.....	D	1.90	: 2.25
PEPPERMINT, nat. 60 lb cases..	D	1.80	: 2.00
Reclat., USP, 60 lb cases.....	D	4.15	: 4.25
Petit Grain, S. Am, 25 lb tins..	D	4.55	: 4.60
French, 1 lb bot.....	D	1.80	: 1.95
Italian, 25 lb tins.....	D	7.00	: 8.00
	D	2.15	: 2.25

Pimento, 25 lb tins.....	D	2.00	: 2.10
Pinus Sylvestris, 25 lb tins.....	D	..	: 1.75
Pumelle, USP, 25 lb tins.....	D	..	: 2.75
Rose, Fr., 8, 16 & 32 oz pkgs..	D	..	: 9.00
Bulg., 8, 16 & 32 oz pkgs..	D	8.00	: 9.00
Artificial, 1 lb bot.....	D	2.00	: 3.00
Rosemary, USP, 27½ lb tins.....	D	.40	: .42
1000 lb drums.....	D	..	: .37½
Tech., 27½ lb tins.....	D	.35	: .40
Rue, 1 lb bot.....	D	..	: 4.25
Sandalwood, E.Ind. USP, 76 lb cases	D	6.70	: 6.80
W. Indian, (Amyris) 25 lb tins..	D	3.00	: 3.25
Sassafras, USP, 50 lb cans.....	D	1.60	: 1.70
Artificial, 1000 lb drs, 60 lb cans	D	.36	: .38
Savin, 5 lb tins.....	D	2.75	: 3.00
Spearmint, USP, 60 lb cases.....	D	2.55	: 2.65
Spruce, 50 lb tins.....	D	1.00	: 1.10
Tansy Amer., 20 lb tins.....	D	3.15	: 3.25
Tar, 50 gal bbls.....	D	.25	: .26
Refined, USP 25 lb tins.....	D	..	: ..
Thyme, red, USP 25 lb tins.....	D	.95	: 1.00
White, USP 25 lb tins.....	D	.85	: .95
Tech., 110 lb drums.....	D	.75	: .85
Velvet, Bourbon, 1 lb bot.....	D	..	: ..
Veta, 1 lb bot.....	D	30.00	: 32.00
Indian, 1 lb bot.....	D	32.00	: 36.00
Wine, heavy 1 lb bot.....	D	..	: 1.50
WINTERGREEN			
Sweet beh., 25 lb tins.....	D	2.50	: 3.00
Southern, 25 lb tins.....	D	1.85	: 2.00
Gaultheria, true 25 lb tins.....	D	7.00	: 8.00
Southern, 25 lb tins.....	D	4.00	: 4.25
Synthetic, USP, 50 lb cases.....	D	..	: .47
Wormseed Bait., USP, 25 lb tins..	D	6.25	: 6.50
Wormwood dom., 25 lb tins.....	D	3.75	: 4.00
Ylang Ylang, Bourbon 10 lb tins	D	..	: ..
No. 1.....	D	7.00	: 9.00
No. 2.....	D	5.00	: 6.00
Manila, 1 lb bot.....	D	28.00	: 35.00
Artificial, 1 lb bot.....	D	10.00	: 12.00
OLEORESINS			
Aspidium, USP, 1 lb bot.....	D	2.75	: 3.00
Capicum, USP, 5 lb bot.....	D	2.50	: 2.75
Ginger, 5 lb bot.....	D	3.25	: 3.50
Cubeb, USP, 1 lb bot.....	D	4.50	: 4.75
Malefern, See Aspidium	D	..	: ..
Orris, 1 lb bot.....	D	15.00	: 18.00
Pepper, black, USP, 1 lb bot.....	D	3.50	: 4.00
Vanilla, 1 lb bot.....	D	22.00	: 24.00

Aromatic Chemicals

NATURAL DERIVATIVES

Anethol, 2 lb bot.....	D	1.25	: 1.75
Borneol, 1 lb bot.....	D	..	: 3.50
CITRAL, 25 lb cans.....	D	2.75	: 3.00
Citronellal, 1 lb bot.....	D	2.00	: 2.25
EUCALYPTOL, USP, 25 lb cans..			
Eugenol, USP, 25 lb cans.....	D	.82	: .85
Geraniol, Domestic, 50 lb cans..	D	3.25	: 3.50
Imported, 5 lb bot.....	D	3.25	: 3.50
Extra.....	D	4.25	: 5.50
Iso-Eugenol, 1 lb bot.....	D	..	: ..
Imported.....	D	4.50	: 5.00
Linalool, 5 lb bot.....	D	5.50	: 6.50
Linalol, 5 lb bot.....	D	4.00	: 5.00
MENTHOL, 60 lb cases.....	D	..	: 13.50
Less cases, 5 lb cans.....	D	..	: 14.00
Rhodinol, 1 lb bot.....	D	15.00	: 20.00
SAFROL, 60 lb cans.....	D	.48	: .50
Thymol, USP, 25 lb tins.....	D	3.25	: 3.50

SYNTHETIC AROMATICS

Acetaldehyde, 50% sol. pure, 5 lb bot.	D	1.75	: 2.00
Acetophenone CP, 1 lb bot.....	D	4.25	: 4.50
Aldehyde, C-8 (Octyl), 1 lb bot..	D	45.00	: 60.00
Aldehyde, C-9 (Nonyl), 1 lb bot..	D	70.00	: 75.00
Aldehyde, C-10 (Decyl), 1 lb bot..	D	50.00	: 58.00
Aldehyde, C-12 (Dodecyl), 1 lb	D	..	: ..
bot.....	D	27.50	: 32.50
Aldehyde, C-14, 1 lb bot.....	D	22.50	: 25.00
Aldehyde, C-16, 1 lb bot.....	D	70.00	: 80.00
Aubepine, see Anisic Aldehyde			
Amyl Acetate, pure, 5 gal. cans. gal	D	4.50	: 4.75
Amyl Butyrate, 1 lb bot.....	D	1.75	: 2.00
Amyl Cinnamate, 1 lb bot.....	D	4.00	: 4.50
Amyl Formate, 1 lb bot.....	D	1.50	: 1.75
Amyl Phenyl Acetate, 1 lb bot..	D	4.50	: 5.00
AMYL SALICYLATE, dom. 100 lb			
chys.....	D	1.45	: 1.50
Imported.....	D	2.25	: 2.50
Amyl Valerate, 5 lb bot.....	D	4.75	: 5.00
Anisic Aldehyde, 1 lb bot.....	D	3.75	: 4.25
BENZALDEHYDE, USP, 40 lb chys..	D	1.50	: 1.60
FFC, 40 lb chys.....	D	1.60	: 1.75
Benzic Ether, See Ethyl Benzoate	D	..	: ..
Benzophenone, 1 lb bot.....	D	6.75	: 7.00
Benzyl Acetate, 100 lb chys.....	D	1.55	: 1.75

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Benzyl Alcohol, 5 lb bot.....D	1.45	1.55	Iso-Butyl Benzoate, 5 lb bot....D	4.75	5.00	Skatol, 1 oz bot.....oz	8.00	9.00
BENZYL BENZOATE, 5 lb bot....D	1.60	1.75	Iso-Safrol, 1 lb bot. imported...D	5.25	5.50	Terpinyl Acetate, 25 lb cans....D	1.65	1.85
Medicinal PFC	1.75	2.00	Domestic, 5 lb bot.....D	4.00	4.25	TERPINEOL, CP, 1000 lb drums..D	.50	.51
Benzyl Butyrate, C.P., 1 lb bot....D	5.50	6.00	Linalyl Acetate, 1 lb bot. Dom..D	8.00	9.50	Cans, 50 lb .....	.54	.55
Benzyl Cinnamate, 1 lb bot.....D	10.00	10.50	Imp., 1 lb bot.....D	8.50	10.00	Imported, 25 lb cans	1.20	1.30
Benzyl Formate, 1 lb bot.....D	3.00	3.25	Linalyl Benzoate, 1 lb bot.....D	13.00	14.00	VANILLIN, USP, 500 oz. cans..oz	.55	.54%
Benzyl Propionate, 1 lb bot.....D	6.00	6.25	Linalyl Formate, 5 lb bot.....D	10.50	12.00	Cans, 16 oz., 80 oz.....oz	.55	.56
Bornyl Acetate, 1 lb bot.....D	3.00	3.50	Methyl Acetophenone	4.75	5.00	Valerianic Ether, See Ethyl Valerate		
Bromistrol, 25 lb kgs.....D	2.50	2.75	METHYL ANTHRANILATE dom.,			Yara Yara, 1 lb cans.....D	1.75	2.00
Butyl Anthranilate, 1 lb bot.dom.D	...	16.00	1 lb bot.	2.75	3.25			
Butyric Ether, See Ethyl Butyrate			Imported	4.50	5.00			
Cinnamic Acid, 5 lb cans.....D	3.00	3.25	Methyl Benzoate, 5 lb bot. import.D	2.00	2.25			
Cinnamic Alcohol, Liquid 1 lb bot.D	10.00	14.00	Domestic, 5 lb bot.....D	1.75	2.00			
Crystallizable	12.00	16.00						
Cinnamic Aldehyde, 5 lb cans....D	3.50	3.75	Methyl Cinnamate, 1 lb bot....D	3.50	3.75			
CITRONELLAL, 1 lb bot.....D	8.00	12.00	Methyl Heptenone, 1 lb bot....D	8.00	8.25			
Citronellyl Acetate, 1 lb bot.....D	13.00	14.00	Methyl Paracresol, 1 lb bot....D	8.00	9.00			
COUMARIN, 25 lb cans.....D	3.85	4.00	Methyl Phenylacetate, 5 lb bot.dom.D	3.75	4.00			
DIETHYL PHTHALATE, 25 lb cans.D	.50	.55	METHYL SALICYLATE, USP 500 lb					
1000 lb drs.....	.40	.45	drums .....	...	.45			
Diphenyl oxide, 25 lb tins.....D	.85	.90	50 lb cases .....	...	.47			
Ethyl Acetate, pure, 5 lb bot....D	.45	.50	Second Hands .....	.45	.46			
Ethyl Benzoate, 5 lb bot.....D	1.85	2.00	Mirbane, rect., 1000 lb drums...D	12 1/2	.14			
Ethyl Butyrate, 5 lb bot.....D	1.75	2.00	Musk Ambrette, 1 lb cans.....D	15.00	17.00			
Ethyl Caproate, 1 lb bot.....D	8.25	8.50	Musk Ketone, 1 lb cans.....D	20.00	22.00			
Ethyl Cinnamate, 1 lb bot.....D	3.50	3.75	Musk Xylene, 5 lb cans.....D	4.40	4.60			
Ethyl Formate, 5 lb bot.....D	2.00	2.10	Nerolin, 1 lb cans.....D	1.65	2.00			
Ethyl-methyl Paracresol, 1 lb bot.D	3.25	3.50	Oenanthalic Ether, 1 lb bot.....D	1.50	2.00			
Ethyl Phenylacetate, 5 lb bot....D	3.75	4.00	Phenylacetaldehyde, Dom.,					
Ethyl Propionate, 1 lb bot.....D	2.25	2.50	1 lb bot., 50 pc.....D	9.50	10.50			
Ethyl Valerate, 5 lb bot.....D	4.50	4.75	Imported, 50 p.c.....D	8.00	10.00			
Ethyl Valeriate, 5 lb bot.....D	3.25	3.50	80-85 p.c.....D	15.00	18.00			
Formic Ether, See Ethyl Formate			Phenylacetic Acid, 1 lb bot.....D	3.00	3.25			
Geranyl Acetate, 1 lb bot.....D	5.00	5.50	Phenyl Diacetate, 1 oz. bot.....oz	3.25	3.50			
Geranyl Butyrate, 1 lb bot.....D	13.00	13.50	PHENYLETHYLALCOHOL dom.,					
Geranyl Formate, 1 lb bot.....D	12.00	12.50	1 lb bot.	8.00	10.00			
Heliotropin, dom., 10 lb cans..D	1.85	2.00	Imported	8.00	9.00			
Imported	2.50	2.75	Phenylethyl Butyrate, 1 lb bot....D	24.00	28.00			
Hydroxycitronellal, 1 lb bot.....D	16.00	18.00	Phenylethyl Formate, 1 lb bot....D	19.00	21.00			
Indol, CP, 1 oz. bot.....oz	6.00	6.50	Phenylethyl Propionate, 1 lb bot.D	20.00	24.00			
Isonone, 1 lb bot.....D	5.00	9.00	Phenylethyl Valerate, 1 lb bot..D	25.00	29.00			
Alpha	10.00	12.00	Phenylpropylalcohol, 1 lb bot....D	15.00	16.00			
Beta	9.00	11.00						
Methyl	13.50	15.00						

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(Pyramidon)

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Imports of Chemicals, Dyestuffs, Drugs, etc.

Imports at New York March 29 to April 5

ACIDS—Citric, 200 bbls., Brown Bros. & Co., Messina; Tartaric, 200 bbls., L'Appula Soc. Anon., Genoa; Cresylic, 10 drs., E. H. Watson, Manchester; 23 drs., Hetherman & Co., Manchester; 85 drs., Lehn & Fink, Liverpool; 40 drs., W. E. Gordon, Liverpool
ALCOHOL—Denatured, 100 bbls., C. Esteve, Arcicibo
ANTHRACENE—208 bgs., Order, Manchester
ANTIMONY—250 cs., Asia Bkg. Corp., Hankow; Regulus, 400 cs., Asia Banking Corp., Hankow; 500 cs., Columbia Bank, Hankow; 349 cs., Irving Bank, Hankow; 800 cs., Wah Chang Tdg. Corp., Shanghai; Sulfide, 23 cs., Order, London
ARGOLS—112 bgs., Tartar Chem. Co., Genoa; 92 cs., Tartar Chem. Wks., Naples
ARSENIC—Oxide, 410 cs., Wah Chang Tdg. Corp., Shanghai; Red Powder, 50 cs., Roessler & Hasslacher Chem. Co., Antwerp
BARK—26 bgs., Order, Smyrna
BAY RUM—19 bbls., C. Esteve, San Juan
BLEACHING POWDER—125 cs., H. Kohnstamm, Liverpool
CANTHARIDES—25 cs., Order, Hongkong
CASEIN—417 bgs., West Virginia Pulp & Paper Co., Buenos Aires; 2,084 bgs., Kalbfleisch Corp., Buenos Aires; 1,251 bgs., Brown Bros. & Co., Buenos Aires; 417 bgs., Bank of America, Buenos Aires; 767 bgs., Order, Buenos Aires
COAL TAR—Distillate, 269 drs., Order, Liverpool; 60 drs., Order, Glasgow
COCHINEAL—28 bgs., Lanman & Kemp, Liverpool
COLORS—20 cs., Reichard Coulston, Inc., Havre; 55 cs., 6 cs., Ciba Co., Havre; 8 cs., Carbic Color & Chem. Co., Havre; 6 cs., Geigy Co., Havre; 16 cs., Ciba Co., Havre; 3 cs., Sandoz Chem. Wks., Havre; 31 cs., Irving Bk., Genoa; 33 cs.,

Amer. Exch. Nat. Bk., Genoa; 10 cs., Order, London; 5 cs., Standard Bk. of So. Africa, Liverpool; 5 cs., Order, Liverpool; 2 kgs., Irving Bk., Antwerp; 8 bbls., Irving Bank, Genoa; 7 bbls., Bockmier & Co., Genoa; 7 bbls., Bank of Manhattan Co., Genoa; **EARTH**, 6 cs., D. H. Litter Co., Antwerp
COPPER—Sulfate, 100 cs., Herrick Noight, Antwerp; 100 cs., Percival Falingham, Inc., Antwerp; 100 cs., J. D. Lewis, Antwerp; 100 cs., Ellis Jackson & Co., Antwerp
CRESOL—Solid, 7 cs., Monsanto Chem. Wks., Liverpool
DIVI DIVI—219 bgs., E. J. Halley, Maracaibo
EARTH—210 bgs., G. Z. Collins Co., Bristol
EXTRACTS—Beard, 675 bgs., A. Benadava, Smyrna; 340 bgs., Order, Smyrna; **Logwood**, 61 cs., West Indies Chem. Wks., Kingston; **Mangrove Bark**, 4,000 bgs., Order, Singapore; **Quebracho**, 7,840 bgs., Beckman Winthrop Co., Buenos Aires
FLOWERS—3 bls., Order, Marseilles; 7 cs., S. B. Penick & Co., Marseilles; **Chrysanthemum**, 19 bls., Nat. City Bank, Trieste; **Pyrethrum**, 61 bls., Chat. & Phoenix Nat. Bk., Trieste
FULLER'S EARTH—500 bgs., L. A. Salomon & Bros., London; 150 bgs., L. A. Salomon & Bros., Bristol
GALLNUTS—300 cs., Seral Trdg. Co., Hankow
GELATINE—45 sks., W. E. Miller, Havre; 100 cs., Order, Barcelona; 5 cs., Cox Gelatine Co., Glasgow; 50 bxs., Order, Barcelona
GLUE—200 bgs., Order, Havre; 50 bgs., 1 cse., W. E. Miller, Antwerp; 2 bls., Emmerich & Bertholon, Antwerp; 86 bgs., Nat. Gum & Mica Co., Liverpool; 400 bgs., S. Isaacs & Co., Trieste
GLUESTOCK—400 bls., Order, Genoa; 210

bgs., Order, Marseilles; 4 bgs., Amer. Glue Co., Barcelona
GLYCERIN—10 drs., C. J. Schelling & Co., Havana; 10 drs., Order, Dunkirk; 20 drs., Order, Marseilles
GUMS—40 sks., W. E. Miller, Havre; 50 cs., 61 pgs., Order, London; **Copal**, 759 bgs., Chase Nat. Bk., Antwerp; 200 bgs., Brown Bros. & Co., Antwerp; 728 bgs., Order, Belawan; 1,231 bgs., Order, Macassar; **Damar**, 100 cs., France Campbell & Darling, Batavia; 100 cs., A. Klipstein & Co., Batavia; 199 bgs., Brown Bros. & Co., Singapore; 100 cs., Standard Bank So. America, Singapore; 150 cs., Order, Singapore; 300 cs., Order, Padang; 245 bgs., 175 cs., Order, Singapore; 100 cs., Order, Batavia; 100 cs., Order, Macassar; **Gamboge**, 11 cs., Nat. City Bk., Singapore; 7 cs., Phila. Nat. Bk., Singapore; 7 cs., Chase Nat. Bk., Singapore; **Tragacanth**, 49 cs., Order, Southampton
INSECTICIDE—7 cs., Maltus & Ware, London
IRON OXIDE—180 bbls., C. J. Osborn & Co., Malaga; 266 bbls., C. K. Williams & Co., Malaga; 114 bbls., C. J. Osborn & Co., Malaga; 100 bbls., Stanley Doggett, Inc., Malaga; 200 bbls., A. D. Strauss & Co., Malaga; 114 cs., C. B. Chrystal & Co., Liverpool
JUICE—Lime, 175 cs., 2 puns, J. P. Smith & Co., London; 700 cs., J. P. Smith & Co., London; Paw Paw, 1 cse., Brown Bros. & Co., London
LICORICE—Paste, 250 cs., E. Utard & Co., Tarragona
MANURE SALT—2,000 bgs., Societe Comm. Des Potasses D'Alsace, Antwerp
MERCURY—150 flasks, Order, Genoa
MYROBALANS—1,410 pkts., Nat. City Bank, Calcutta

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NUX VOMICA—300 bgs., Order, Coconada
OILS—Coconut, 868,680 kilos, Jay Qui Fien, Manila; 675 tons, Philippine Refining Co., Manila; Cod, 35 bbls., Order, St. Johns, N. F.; 500 bbls., Order, Glasgow; Codliver, 25 bbls., A. E. Vanderpool Co., Antwerp; 150 bbls., Asia Drug Co., Antwerp; 150 bbls., F. B. Vandegrift & Co., Christiania; 50 bbls., Order, Christiania; Olive, 200 bbls., Lazard Freres, Barcelona; 206 cs., General Transport Co., Naples; 250 cs., T. Pipitone, Leghorn; 500 cs., Italian French Produce Co., Leghorn; 300 cs., Sausage Mfg. Co., Leghorn; 250 cs., G. Miglianio, Leghorn; 250 cs., Latorraca Bros., Leghorn; 500 cs., Banca Comm. Ital., Genoa; 250 cs., P. Pastene & Co., Genoa; 200 cs., Poletti & Co., Genoa; 800 cs., Order, Genoa; 185 cs., J. Solari & Co., Genoa; 300 cs., F. N. Giani, Inc., Genoa; 1,895 cs., 25 kgs., Order, Genoa; 860 cs., P. Pastene & Co., Genoa; 245 cs., Kansas City Macaroni & Imptg. Co., Genoa; 200 cs., Cella, Inc., Genoa; 200 cs., F. Leggett & Co., Genoa; 225 cs., E. Penna, Genoa; 5,941 cs., Order, Genoa; 257 cs., Fierro Bros., Naples; 500 cs., J. Munroe & Co., Marseilles; 268 cs., Natl. Shawmut Bk., Malaga; 800 cs., East River Nat. Bk., Malaga; 610 cs., J. Garneau & Co., Malaga; 500 cs., Equit. Trust Co., Malaga; 400 cs., State Bk. of N. Y., Malaga; 200 bbls., 600 cs., East River Nat. Bk., Malaga; 300 bbls., Lazard Freres, Malaga; 200 cs., 25 bbls., Natl. Bk. of Commerce, Malaga; 235 cs., E. Formella & Co., Genoa; 200 cs., Yohalem & Diamond, Genoa; 250 cs., G. W. Sheldon & Co., Genoa; Rapeseed, 50 bbls., W. B. Dick & Co., London; Sesame, 293 bbls., Order, Manchester; 100 cks., Order, Marseilles; Sulfur, 350 bbls., Mech. & Metals Nat. Bk., Naples; 300 bbls., Nat. City Bk., Naples; 900 bbls., Ellis Jackson Co., Bari; 600 bbls., Fourth St. Nat. Bk., Bari; 200 bbls., Bank of Manhattan, Bari; 450 bbls., Phila. Nat. Bank, Bari; 350 bbls., Nat. City Bank, Bari; 100 bbls., T. Ribrest, Bari; 400 bbls., W. Schall & Co., Bari; 400 bbls., Order, Bari; Vegetable, 500 cs. (in tins), J. Munroe & Co., Marseilles; Wood, 150 cks., Brown Bros. & Co., Hankow; 300 cks., Determann & Co., Hankow
OILS, ESSENTIAL—24 cs., P. Margotti,

Naples; 8 cs., C. Emilio, Naples; 90 cs., Order, Messina; 1 ck., Chem. Nat. Bk., Marseilles; 3 cks., L. R. Dreyer, Grasse; 13 cs., Goldman Sachs & Co., Grasse; 10 cs., Order, Macassar; 1 cse., Orbis Prod. Trdg. Co., Havre; 6 drs., Order, Barcelona; 2 bxs., G. Lueders & Co., La Guayra; Almond, 20 cs., Order, Marseilles; Bay, 5 cs., P. J. Santini, San Juan; Bergamot, 50 cs., Bk. of N. Y. & Trust Co., Messina; Cinnamon Leaf, 3 drs., Order, Colombo; Citronella, 10 drs., C. T. Wilson & Co., Colombo; 29 drs., Order, Colombo; 14 drs., Lee Higginson & Co., Batavia; 3 drs., Order, Batavia; 5 drs., Order, Colombo; Fusel, 12 drs., Order, Marseilles; Geranium, 1 ck., 4 drs., A. Chiris & Co., Marseilles; Lavender, 2 drs., Order, Alicante; 3 drs., Ungerer & Co., Barcelona; Lemon, 200 cs., G. Lueders & Co., Messina; 400 cs., Order, Palermo; Orange, 75 cs., Order, Messina; 65 bxs., Order, Palermo; 20 cs., Colonial Bank, Kingston; 40 cs., Order, Kingston; Petit Grain, 10 cs., Order, Buenos Aires; Pine Needle, 3 bbls., Order, London; Rosemary, 4 drs., Ungerer & Co., Barcelona; Sandalwood, 9 cs., Order, London
PALMYRA FIBER—40 bbls., Order, London; 24 bahts, Order, Colombo; 71 bbls., Order, Coconada
PHOSPHORUS—200 cs., W. E. Miller, Antwerp
PIASSAVA—510 bbls., Order, Antwerp; 60 bbls., Eaton Schleich & Woll, Antwerp
POTASSIUM SALTS—Cyanure, 5 cs., Hardy, Inc., Antwerp; Muriate, 3,490 bgs., Societe Comm. Des Potasses D'Alsace, Antwerp; Nitrate, 200 dble. bgs. (raw), Bk. of Amer., Antwerp; Prussiate, 18 cks., C. Tennant & Sons Co., Liverpool; Sulfate, 833 bgs., Societe Comm. Des Potasses D'Alsace, Antwerp; Sulfite, 20 kgs., 6 cs., Mager & Souderburg, London; Yellow Prussiate, 16 bbls., E. Suter & Co., Antwerp
ROOTS—Althea, 5 cs., Order, Leghorn; Arrow, 8 cs., J. P. Smith & Co., London; Dandelion, 5 bgs., Brown Bros. & Co., London; Licorice, 39 bgs., Order, Alexandria; Orris, 154 bbls., Order, Leghorn
SAFFRON—1 cse., Amer. Exp. Co., Genoa
SEEDS—Annatto, 66 bgs., D. Steengrafe, Ponce; 25 bgs., A. Gonzalez, Mayaguez; 57 bgs., D. Steengrafe, Aguadilla; 10 bgs., D. Steengrafe, Mayaguez; 20 bgs., D. Steen-

grafe, Ponce; 26 bgs., C. Sherman, Mayaguez; 23 bgs., D. Steengrafe, San Juan; Anise, 200 bgs., Order, Alicante; 150 bgs., Order, Malaga; Canary, 100 bgs., Order, Malaga; 325 bgs., Order, Buenos Aires; Castor, 5,831 bgs., Order, Coconada; Celery, 50 sks., Arnaud Natl. Bk., Marseilles; Flax, 5,815 tons (49,549 bgs. & Quantity in bulk), Spencer Kellogg & Sons, Rosario; 73,835 bgs., Amer. Linseed Co., Buenos Aires; Mustard, 300 bgs., Order, London
SHELLAC—425 bgs., Brit. Bk. of So. Amer., Calcutta; 200 bgs., Nat. City Bk., Calcutta; 150 bgs., 75 cs., Iwai & Co., Calcutta; 200 bgs., MacLac & Co., Calcutta; 700 bgs., Order, Calcutta; Sticklac, 50 bgs., Doherr Grimm & Co., Havre; 146 sks., 50 cs., Order, Marseilles; 45 cs., Order, Barcelona; 140 cs., Order, Marseilles;
SODA PEROXIDE—28 cs., C. Hardy, Inc., Havre
SODIUM SALTS—Cyanide, 40 cs., Amer. British Chem. Supply, Inc., Liverpool; 73 cs., Order, Liverpool; Cyanure, 224 cs., Internl. Bkg. Corp., Marseilles
STEARINE—179 bgs., F. G. Gaffey, Antwerp
SUMAC—700 bgs., Bk. of N. Y. & Trust Co., Palermo; 350 bgs., R. Neumann & Co., Palermo; 700 bgs., Order, Palermo
TALC—100 bgs., Isolantite, Havre; 100 bgs., Isolantite, Havre; 200 cks., L. A. Salomon & Bro., Genoa; 300 bgs., Order, Genoa
TAPIOCA—Flour, 505 bgs., Fearon Brown & Co., Batavia; 935 bgs., Order, Cheribon; 580 bgs., Order, Semerang; 5,104 bgs., Order, Batavia; Pearl, 594 bgs., Order, Batavia; Seed, 483 bgs., Order, Batavia
TARTAR—105 sks., C. Pfizer & Co., Marseilles; 599 sks., C. Pfizer & Co., Marseilles; 105 sks., Tartar Chem. Wks., Marseilles; Cream, 25 kgs., Austin Nichols & Co., Genoa; 200 cks., Guaranty Trust Co., Marseilles; 50 cks., French Amer. Bkg. Corp., Marseilles
VANILLA BEANS—7 cs., G. Lueders & Co., Havre; 40 cs., G. Lueders & Co., Havre; 20 cs., P. H. Petry & Co., Marseilles; 107 cs., Dodge & Olcott Co., Marseilles; 29 cs., Thurston & Braidich, Marseilles; 22 cs., J. N. Limbert & Co., Marseilles; 22 cs., Order, Marseilles; 28 cs., Bk. of N. Y. & Trust Co., Marseilles; 22 cs., Order, Marseilles; 5 cs., Catz Amer. Co., Batavia

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Oxalic Acid

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VERDIGRIS—10 cks., A. Klipstein & Co., Marseilles

WAX—200 cs., Order, Havre; 9 bgs., C. A. Philippi, Mayaguez; 30 bgs., Bank of America, Alexandria; 64 bgs., Order, Alexandria; 64 bgs., Order, Alexandria; 4 bgs., Yglesias & Co., Sanchez; 6 bgs., J. J. Julia & Co., Puerto Plata; 2 cks., Mecke & Co., Samana; Bees, 12 bbls., D. Steengrafe, Rio de Janeiro; 422 pgs., Irving Bk. Columbia Trust Co., Lisbon; 89 bgs., Order, Havana; 3 bgs., Internl. Acceptance Bk., Santo Domingo; 2 seroons, J. A. Thomen, Samana; 7 seroons, J. J. Julia & Co., Samana; 88 bgs., Order, Liverpool; **Vegetable**, 50 cs., Smith & Nichols, London

WOOL GREASE—119 bbls., Mech. & Metals Nat. Bank, Antwerp; 180 bbls., Order, Antwerp

ZINC—Oxide, 50 bbls., Philipp Bros., Inc., Antwerp; **Resinate**, 20 cks., Order, London **ZINC AND AMMON. SALT**—45 cks., A. Klipstein & Co., Antwerp

IMPORTS AT BALTIMORE

March 27 to April 3

CAPSULES—20 cases, Kalus Bottle Co., Porta, Bremen

CHEMICALS—49 cases, Roessler & Hasslacher Chemical Co., New York, Porta, Bremen

FERRO-MANGANESE—100 tons, C. Tennant Sons & Co., New York, Rexmore, Liverpool; 100 tons, to Order, Blair, Manchester; 1,100 tons, Crocker Bros., New York, Blair, Manchester; 835 tons, Crocker Bros., Barrymore, Liverpool

FLUORSPAR—104 tons, F. H. Shallus Co., Blair, Manchester

OIL—Palm, 262 cases, United States Steel Products Co., Barrymore, Liverpool

PITCH—50 bbls., W. H. Masson, Rexmore, Liverpool

POTASH—Kainit, 1,586 tons 12%, Societe Commerciale des Potasses Alsace, Beechpark, Antwerp; 50 tons, 14%, French Potash Syndicate, Beechpark, Antwerp; 1,237,421 lbs., French Potash Syndicate, Beechpark, Antwerp; 199,584 lbs., 12.4%, French Potash Syndicate, Beechpark, Antwerp; **Manure Salt**, 999,082 lbs., Shapiro, Porta, Bremen; 29,200 lbs., Potash Importing Co., Porta,

Bremen; 1,116,636 lbs., F. H. Shallus Co., Porta, Bremen; 8,000 bags, F. H. Shallus Co., Porta, Bremen; 1,015,400 lbs., 20%, French Potash Syndicate, Beechpark, Antwerp; **Muriate**, 500 bags, to Order, Porta, Bremen; 5,000 bags, 1,005,902 lbs., French Potash Syndicate, Beechpark, Antwerp; 10,000 bags, 50%, 1,995,840 lbs., French Potash Syndicate, Beechpark, Antwerp; 1,497 bags, 60%, 298,775 lbs., French Potash Syndicate, Beechpark, Antwerp; **Sulfate**, 7,676 bags, 1,532,005 lbs., French Potash Syndicate, Antwerp

SALT—250 sacks, B. & O. Rexmore, Liverpool; **Epsom**, 250 bags, F. H. Shallus Co., Porta, Bremen

IMPORTS AT PHILADELPHIA

March 26 to April 2

BARIUM—Binoxide, 62 cys., Wm. Lusskin & Co., Havre

CHEMICALS—19 cks., Order, Rotterdam; 160 carboys, Roessler & Hasslacher Chem. Co., Rotterdam

FERRO-MANGANESE—50 tons, Brown Bros., Middlesboro; 50 tons, Order, Middlesboro **FLUORSPAR**—445 tons, Crocker Bros., Manchester; 915 tons, 30 cwt., Shimer & Co., Manchester; 308 tons, 5 cwt., Shimer & Co., Middlesboro

GLYCERIN—115 drums, Order, Buenos Aires; 100 drums, Baldwin Shipping Co., Rotterdam

GUM—Sandarac, 43 bgs., T. G. Cooper & Co., London; **Tragacanth**, 20 bgs., Fourth St. Nat. Bank, London

MANGANESE ORE—7,962 tons, Lavino Shipping Co., Secondee

OIL—Cod, 200 bbls., Cook & Swan Co., London; 60 bbls., Order, London; **Rape**, 175 bbls., Order, London; **Sulfur**, 200 bbls., Phila. Nat. Bank, Palermo

POTASH—15,000 kilos, 50%, Ste Cle Des Potasses D'Alsace, Dunkirk; **Chlorate**, 700 bbls., Order, Havre

PYRIDINE—3 drums, Order, Manchester

SAL AMMONIAC—30 cks., Order, Rotterdam; 61 cks., Order, Rotterdam

SEEDS—Canary, 160 bgs., Order, Buenos Aires

SODIUM—Cyanide, 100 drums, Park Chem. Co., Liverpool; 100 cs., 30 drums, Order,

Liverpool; **Phosphate**, 43 cks., Order, Rotterdam; **Prussiate**, 25 cks., C. Tennant Sons & Co., Liverpool

STARCH—Potato, 1,250 bgs., Stein, Hall & Co., Rotterdam

SULFITE PULP—825 rolls, Mechanics & Metals Nat. Bank, Gothenburg; 127 bbls., Scandinavian Pulp Agency, Gothenburg

WOOD FLOUR—1,000 bbls., Order, Rotterdam; 255 bgs., Certain-teed Prods. Corp., Gothenburg

IMPORTS AT BOSTON

March 28 to April 4

ACID—Cresylic, 52 bbls., Order, Liverpool; Oxalic, 64 bbls., Order, Hamburg; **Tartaric**, 100 bbls., Order, Hamburg

CASEIN—200 bgs., Order, Hamburg

CHEMICALS—56 cks., Frazer & Co., Liverpool; 160 cbys., Order, Hamburg

CREOSOTE—150 cks., Order, Liverpool

GLAUBER'S SALT—1,050 lbs., Roessler & Hasslacher Chem. Co., Hamburg; 230 bgs., Order, Hamburg; 250 bgs., Superfos Co., Hamburg; 250 bgs., Order, Hamburg; 500 bgs., Order, Hamburg

MAGNESITE—400 bgs., Order, Hamburg

POTASH—39 cks., A. Klipstein & Co., Hamburg

SAL AMMONIAC—46 cks., Order, Hamburg

SHELLAC—125 cks., Rogers Pyatt & Co., Hamburg

STARCH—Potato, 1,650 bgs., Order, Hamburg

IMPORTS AT SAN FRANCISCO

March 22 to 29

CALCIUM—Chloride, 14 casks, Order, Antwerp

CHEMICALS—53 cases, William Grosse & Co., Hamburg; 85 barrels and 4 cases, Order, Hamburg

BLUEING—110 ckes, H. M. Fuermendt, Hamburg

COPRA—235 tons, Atkins, Kroll & Co., Manikiki; 577 gunnies, Atkins, Kroll & Co., Raratonga; 145 sacks, Wightman & Crane, Raratonga; 1,866 sacks, Wightman & Crane, Papeete; 5,663 sacks, Order, Papeete; 4,362 bags, Atkins, Kroll & Co., Papeete

KAPOC—150 bales, the Burns Philp Co.,

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COOPERS CREEK CHEMICAL COMPANY
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Samarang, and 50 bales, H. W. Peabody & Co., Semarang
LINSEED CAKE—187 bags, American Finance & Commerce Co., Kobe
OIL—Perilla, 50 barrels, Balfour, Guthrie & Co., Dairen; 200 barrels, S. L. Jones & Co., Dairen; 400 barrels, S. L. Jones & Co., Osaka; Codfish, 35 barrels, Chase Cable & Co., Kobe
SPEICES—Cinnamon Quills, 100 bales, B. C. Ireland, Colombo; 100 bales, H. M. Newhall, Colombo; Cinnamon Rolls, 100 bales, Paul I. Fagan Co., Colombo; **Black Pepper**, 300 bags, S. L. Jones & Co., Batavia; **White Pepper**, 100 bags, Catz American Corp., Batavia
SHELLAC—50 bags, H. W. Peabody & Co., Calcutta
SEEDS—69 sacks, Order, Wellington; 53 packages, American Finance & Commercial Co., Dairen
TAPIOCA—Pearl, 115 bags, Stein, Hall & Co., Batavia

VANILLA BEANS—4 cases, Williams, Diamond & Co., Papeete
WAX—Paraffin, 2,400 bags, Shell Oil Co. of California, Balikpapan

IMPORTS AT NEW ORLEANS

March 29 to April 5

BAUXITE—2,350 tons, Republic Mfg. Co., Georgetown, B. G.
CARAWAY SEEDS—550 bags, Netherlands
PYRITES—232 sacks, Barcelona
ICTHOSAN—681 lbs., Switzerland
MURIATE OF POTASH—3,590 sacks, Antwerp
OXIDE OF IRON—83,913 lbs., Spain
OXALIC ACID—10,023 lbs., Norway
PHOSPHATE—3,050 tons, Swift & Co., Tampa, Fla.
SEEDS—200 bales, Havre; 430 sacks, Rotterdam
SYLVINITE—200 bags, Antwerp

IMPORTS AT SEATTLE

March 24 to 31

ARSENIC—200 cs., Kobe
BARIUM—Chloride, 44 cks., Hamburg
CALCIUM—Chloride, 83 drs., Hamburg; 277 bbls., Hamburg
CASEIN—18 bgs., Kobe
CAMPOR—200 cs., Kobe; 100 cs., Shanghai
CHEMICALS—21 bbls., Hamburg
FERROCHROME—17 cks., Gothenburg
GINGER—2 cs., Hongkong
HEMPSEED—1,053 bgs., Kobe
MAGNESITE—372 cks., Antwerp
MAGNESIUM—Chloride, 1,167 bbls., Hamburg
MENTHOL—45 cs., Kobe
POTASSIUM CARBONATE—10 cks., Hamburg
RAPESEED OIL—10 cs., Kobe
RHUBARB—24 cs., Shanghai
SESAME OIL—4 cs., Hongkong
WHITE WAX—1 cs., Kobe

PICKHARDT TALKS ON DYE ISSUES

Paul Pickhardt, of Kutroff, Pickhardt & Co., who returned from Germany last week, said there was little information to be obtained in Berlin regarding the agreement between the dye cartel and British Dyestuffs Corp. He heard that the working agreement between the cartel and French color industries had not succeeded as its promoters believed it would. Relative to the trip to the United States made by Dr. Bosch, head of the Badische company, last summer, Mr. Pickhardt said his errand was not much more than a sightseeing trip. Curiosity is all there was to his visit to the power plants at Niagara Falls, to the Ford factory at Detroit and other outstanding examples of American large-scale industry, said Mr. Pickhardt.

The strike of 20,000 men at the Badische works, on refusal of the men to work nine hours a day instead of eight, was still on when Mr. Pickhardt left Germany.

Carbic Color and Chemical Co. was upheld by a decision by Judge Brown, Board of United States General Appraisers, who ruled that the application to their case of the specific duty of 7c per pound provided under paragraph 28, Tariff Act of 1922 on products four and a half times standard strength, was erroneous in that the material in controversy was of the lowest commercial strength in ordinary use.

The Interstate Commerce Commission has given authority to railroads participating in the traffic in calcium chloride from Ohio River Crossings to the southeast to charge rates without observing the long and short haul provision of the Interstate Commerce Act.

The 401 commercial failures in the United States last week reported to R. G. Dun & Co. were 11 less than the number reported the previous week, but 85 more than were reported in the corresponding week in 1923.

ARSENIC 99%

Wheal Jewell & Marytavy Mines, Ltd.,
Devon, England

CRESYLIC ACID

PYRIDINE

NAPHTHALENE

Jas. Miller Son & Co., Ltd., Glasgow

SODIUM CYANIDE

Stanley Smith & Co., London
(Ocean Chemical Co.)

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PARA-FORMALDEHYDE

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STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912.

Of Drug & Chemical Markets, published weekly at New York, N. Y., for April 1, 1924, State of New York, County of New York—ss:

Before me, a notary public in and for the State and county aforesaid, personally appeared N. W. Haynes, who, having been duly sworn according to law, deposes and says that he is the Publisher of the Drug & Chemical Markets and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse side of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are: Publisher, N. W. Haynes, 3 Park Place, New York City; Editor, F. F. Burgin, 3 Park Place, New York City; Managing Editor, none; Business Manager, N. W. Haynes, 3 Park Place, New York City.

2. That the owners are: (Give names and addresses of individual owners or, if a corporation, give its name and the names and addresses of stockholders owning or holding 1 per cent or more of the total amount of stock.) Drug & Chemical Markets, Inc., 3 Park Place, N. Y. City; N. W. Haynes, 3 Park Place, New York City; Ira P. MacNair, 3 Park Place, New York City.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.) None such.

4. That the two paragraphs next above, giving the names of the owners, stockholders and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

N. W. Haynes, Publisher.
Sworn to and subscribed before me this 22nd day of March, 1924.
G. H. Raymond, Notary Public, Kings County No. 77, Certificate filed New York County No. 178, New York County Register's No. 4193. (My commission expires March 30th, 1924.)

MARCH COAL TAR IMPORTS

(Concluded from Page 1091)

Schultz No.	Dye & Maker	Quantity Pounds
860	Cyananthrol G.....	1,261
	Alizarin direct blue BGAO-B.....	
862	Cyananthrol BGAO-B.....	4,089
	Alizarin blue black B pdr.-By.....	
863	Alizarin blue black B pdr.-M.....	500
	Antraquinone blue green.....	
	Antraquinone blue green BXO pdr.-B.....	
865	Alizarin direct green G.....	210
	Alizarin cyanine green G ex. pdr.-C.....	
867	Indanthrene brown B (single stgth.).....	1,272
	Antra brown B dbl. paste-C-B.....	
869	Algal brown B (single strength).....	442
	Algal brown R pdr.-By.....	
	Vat brown RT paste-B.....	
870	Algal corinth R (single strength).....	864
	Vat corinth RK pdr.-By.....	
873	Helindone brown AN (single stgth.).....	100
	Helindone brown AN paste-M.....	
876	Indigo, white pdr.-nc-DH.....	110
	Indigosol DH pdr.-nc-DH.....	
885	Brilliant indigo B.....	2,193
	Brilliant indigo B paste-nc-B.....	
893	Alizarin indigo G.....	597
	Alizarin indigo G paste-nc-By.....	
901	Ciba violet B.....	882
	Ciba violet B paste-nc-I.....	
902	Helindone brown 2R (single stgth.).....	700
	Helindone brown 2R pdr.-nc-M.....	
904	Helindone brown G (single stgth.).....	1,400
	Helindone brown G pdr.-nc-M.....	
907	Ciba scarlet G extra paste-I.....	1,433
908	Ciba red R.....	1,543
	Ciba red R paste-nc-I.....	
910	Helindone pink (single strength).....	1,382
	Helindone pink AN paste-nc-M.....	
	Helindone pink BN paste-nc-M.....	
912	Thioindigo red B.....	1,456
	Ciba pink BG paste-I.....	
	Ciba pink BG pdr.-nc-M.....	
913	Helindone orange R.....	882
	Helindone orange R paste-nc-M.....	
917	Helindone red B.....	500
	Helindone red B paste-M.....	
918	Helindone red 3 B.....	2,941
	Helindone red 3 B paste-nc-M.....	
	Vat red violet RH paste-B.....	
920	Helindone violet (single strength).....	1,354
	Helindone violet B paste-M.....	
	Helindone violet R pdr.-M.....	
923	Ursol.....	2,085
	Fur brown PV.....	
	Fur brown 4R paste-A.....	
	Fur yellow 4G-A.....	
	Nako PS-M.....	
	Nako RH-M.....	

UNIDENTIFIED DYES

Acid Dyes

Dye & Maker	Quantity Pounds
Alizarin leveling blue BBS-C.....	50
Alizarin rubinol.....	1,689
Alizarin rubinol 3G pdr.-nc-By.....	
Alizarin rubinol GW pdr.-nc-By.....	
Alizarin rubinol R pdr.-By.....	
Brilliant milling blue B-nc-C.....	500
Brilliant pure yellow 6G extra-nc-By.....	220
Brilliant wool scarlet P3R-K.....	198
Cloth fast red GRG-nc-I.....	110
Guinea fast red BL-nc-A.....	1,700
Guinea fast red 2R-A.....	
Polar red G conc.-C.....	882
Radio yellow R.....	500
Sulphon yellow 5G-By.....	110
Supramine brown R-nc-By.....	220
Supramine red.....	440
Supramine red B-nc-By.....	
Supramine red 2G-nc-By.....	
Wool brown AF-Q.....	249
Wool fast blue BL-B.....	333

Vat Dyes

Dye & Maker	Quantity Pounds
Algal brown G (single strength).....	4,202
Vat brown G paste-By.....	
Vat brown G pdr.-By.....	
Alizarin indigo brown R paste-nc-By.....	97
Brilliant indigo N-B.....	2
Helindone pink R extra paste-M.....	5,000
Hydron orange RF paste-nc-C.....	187
Hydron pink FF paste-C.....	330
Hydron scarlet BB (single strength)-nc-C.....	330

Dye & Maker	Quantity Pounds
Hydron yellow NF paste-C.....	250
Indanthrene black BGA (single stgth.).....	
-B.....	4
Indanthrene blue BCD (single stgth.).....	2,000
Indanthrene blue BCD dbl. paste-B.....	
Indanthrene blue BCD dbl. paste fine-B.....	1,755
Indanthrene blue BCS (single stgth.).....	4,214
Indanthrene blue RZ (single stgth.)-B.....	822
Indanthrene brown.....	
Indanthrene brown 3R paste-nc-B.....	
Helindone brown IR paste-nc-M.....	
Vat brown GG paste-B.....	
Vat brown RT paste-B.....	
Indanthrene green (single strength).....	600
Vat green G dbl. paste-B.....	
Vat green GG dbl. paste-B.....	
Indanthrene pink (single strength).....	5,908
Indanthrene pink B dbl. paste-B.....	
Indanthrene pink B dbl. paste fine-B.....	
Indanthrene red violet RRR (single strength).....	1,038
Vat red violet RRR paste fine-nc-B.....	
Vat red violet RRR pdr.-B.....	
Vat yellow 3RT (single strength).....	10
Vat brilliant blue R paste-B.....	500

Mordant and Chrome Dyes

Acid alizarin gray G-nc-M.....	1,000
Alizarin emerald G pdr.-nc-By.....	310
Alizarin fast gray 2 BL-nc-By.....	299
Anthracene chromate brown E B-C-C.....	550
Brilliant chrome blue 2B-nc-DH.....	110
Chrome fast phosphine R-DH.....	55
Chrome garnet B-DH.....	22
Chrome olive JCSB pdr.-nc-DH.....	110
Chrome printing red Y-nc-DH.....	220
Chrome yellow CR-G.....	551
Chromorhodine.....	770
Chromorhodine BN-nc-DH.....	
Chromorhodine GGN-DH.....	
Chromoxane brilliant blue G-nc-By.....	828
Eriochrome cyanine RC-G.....	1,022
Eriochrome flavine A conc.-C-G.....	2,425
Eriochrome green L-nc-G.....	882
Metachrome blue black 2BX-A.....	1,500
Metachrome olive 2G-nc-A.....	2,000

Direct Dyes

Benzo fast black L-By.....	832
Benzo fast bordeaux 6BL-By.....	1,001
Benzo fast brown 3GL-By.....	1,001
Benzo fast heliotrope BL 4BL-nc-By.....	991
Benzo red 12B-C-By.....	110
Benzo rhodamine red 3B-nc-By.....	220
Brilliant benzo fast violet BL-By.....	108
Brilliant benzo green B-By.....	149
Brilliant sky blue 8 G extra-nc-By.....	661
Chloramine violet FFB-nc-By.....	711
Chlorantine fast yellow 4GL-I.....	1,874
Chlorazol fast brown R-nc-BD.....	500
Chlorazol violet R-nc-BD.....	500
Chrysophenine 2G conc.-Q.....	55
Diamine brilliant blue G-C.....	35
Diamine brilliant violet B-C.....	20
Diamine fast brown GB-C.....	200
Diamine fast orange EG, ER-C.....	746
Diamine orange F-C.....	2,000
Diazo brilliant green 3G-nc-By.....	220
Diazo fast violet BL-nc-By.....	576
Diazo indigo blue 4GL extra-By.....	500
Diazo sky blue 3 G-By.....	2,000
Fast cotton gray VL-A.....	100
Naphthamine fast brown BL-K.....	200
Rosanthrene orange R-I.....	661
Zambesi black.....	1,000
Zambesi black D-C-A.....	
Zambesi black F-A.....	
Zambesi red B pdr.-A.....	220

Sulfur Dyes

Cross dye green B-nc-BD.....	3,243
Pyrogene cutch brown RR extra-I.....	2,205
Sulphide violet Y-Q.....	10
Sulphur yellow G extra-A.....	400
Thional brilliant blue 6BS conc-nc-S.....	2,001
Thional brown O-C-BD.....	4,000
Acridine brown O conc.-Q.....	55
Brilliant acridine orange R conc.-Q.....	55
Corvoline BT-nc-Q.....	661
Indo A extra pure-nc-G.....	220
Neophosphine G conc.-Q.....	22

Spirit Soluble and Color Lake Dyes

Hansa yellow 10G paste-M.....	10
Hansa yellow 10GT paste-M.....	10
Hansa yellow 10G lumps-M.....	5
Helio bordeaux BL paste-By.....	399
Helio bordeaux BL powder-By.....	100
Lithol fast yellow 5G lumps-B.....	215
Paper fast bordeaux B-nc-By.....	518
Typophor black FB-B.....	100

Dye & Maker	Quantity Pounds
Unclassified Dyes	
Blue III-nc-BC Ltd.....	222
Blue V-nc-BC Ltd.....	90
Brilliant blue G-nc-By.....	551
Orange I-nc-BC Ltd.....	273
Pure yellow I-nc-BC Ltd.....	182
Red III-nc-BC Ltd.....	360
Solamine I-nc-BC Ltd.....	273
Solamine II-nc-BC Ltd.....	273
Solamine III-nc-BC Ltd.....	91
*British Celanese, Ltd.	

Color Lakes of Coal-Tar Origin

Diamond black pigment.....	11,013
Dry yellow 70%-nc.....	112
Madder pink FK-nc.....	50
Red lake.....	14
Violet lake.....	331

Medicinals, Photographic Developers, Intermediates and Other Coal-Tar Chemicals

Name of Chemical and Country	Pounds
Alpha Naphthylaminedisulfonic acid-Switzerland.....	35
Amidol-C-Germany.....	50
Amino naphtholsulfonic acid-Switzerland.....	40
Aminopyrazoline-nc-France.....	1,120
Aminopyrine-England.....	70
Antipyrine-Belgium.....	551
Beta naphthol-nc-England.....	11
Caffeine sodium benzoate-C-England.....	22
Carbolic acid crystal-C-England.....	141,120
Chinosol-C-Germany.....	55
Developer Z (phenyl methyl pyrazolone)-Germany.....	201
Dianil developer G-France.....	55
Enesol-nc-France.....	70
Epiline hydrochloride-England.....	1
Gairasol-nc-France.....	3
Glycin-Germany.....	75
Guaiacol carbonate-nc-Belgium.....	38
Katanol-nc-Germany.....	2,205
Ludigol-Germany.....	2,500
Mercury chlorophenol-Germany.....	222
Methyl ester of amino-p-hydroxy benzoic acid-Germany.....	100
Methylparamidophenol-C-Germany.....	500
Naphthol monosulfonic acid F-Germany (2-naphthol-7-sulfonic).....	2,000
Naphthol-nc-France.....	31
Neocaine-C-France.....	4
Neosalvarsan-C-Germany.....	2
Ortol (methylorthoamidophenol-nc-Germany).....	150
Novadelox (flour bleaching compound)-nc-Holland.....	57,881
Piperidine-nc-England.....	336
Quinol developer-England.....	1
Resorcinol, technical-C-France.....	4,480
Salvarsan-C-Germany.....	1
Sodium salicylate iodide methylarsenate-Italy.....	22
Sodium para-aminophenylarsenate-England.....	28
Stovaine-France.....	1
Synthetic Aromatic Chemicals of Coal-Tar Origin	
Acetophenone-C-Switzerland, France.....	235
Amyl phenylacetate-C-Switzerland.....	1
Benzophenone-nc-Holland.....	10
Benzyl acetate-C-France, Switzerland, Holland.....	520
Benzyl alcohol-C-Holland.....	60
Benzyl benzoate-C-Holland, Switzerland.....	158
Benzyl butyrate-C-England.....	25
Benzyl cinnamate-C-Switzerland.....	1
Cetone D-nc-France.....	44
Diethyl phthalate-C-Switzerland.....	44
Dimethyl hydroquinone-nc-Switzerland.....	11
Ethyl cinnamate-Switzerland.....	75
Ethyl phenylacetate-C-Switzerland.....	1
Heliotropine-C-Holland, Switzerland.....	150
Jacinthe absolute-C-Switzerland.....	100
Methyl anthranilate-C-Holland.....	183
Methyl phenylacetate-C-France, Switzerland.....	56
Musk ambrette-nc-Holland, France.....	225
Musk ketone-nc-Switzerland, Holland.....	311
Musk residue-nc-France.....	360
Musk ambrette residue-Switzerland.....	400
Oere rose-France.....	33
Phenyl acetic aldehyde-C-Holland.....	125
Phenyl ethyl alcohol-C-France, Switzerland, Holland.....	295
Phenyl ethyl alcohol extra G-C-France.....	200
Phthalic ether-Switzerland.....	50
Yara yara (b-Naphthol methyl ether)-C-Holland.....	50

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SELLING PHILADELPHIA—Chemicals, pigments, naval stores, and industrial specialties of a chemical nature are handled successfully and economically for manufacturers by an established sales agent who is prepared to furnish trade and financial references to interested parties who make such goods and want to increase their sales in this territory. Box 681, DRUG & CHEMICAL MARKETS.

SITUATIONS WANTED

FOR SALE—The services of a live, capable industrial chemical salesman. Highest references, strong and pleasant personality, thoroughly reliable, a digger for business. What am I offered? Box 688, DRUG & CHEMICAL MARKETS.

INTERMEDIATES—Salesman with eight years selling experience desires to make a change. Small company offering opportunity to an experienced, reliable, energetic man with thorough chemical and sales training wanted. Box 690, DRUG & CHEMICAL MARKETS.

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SALESMAN familiar with spice, extract, wholesale grocery, bottler, ice cream and allied fields seeks connections where his experience will be valuable to house of standing. Box 677, DRUG & CHEMICAL MARKETS.

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HELP WANTED

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MISCELLANEOUS

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